CPC - COOPERATIVE PATENT CLASSIFICATION

F MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING
(NOTE omitted)

LIGHTING; HEATING

F21 LIGHTING
(NOTE omitted)

F21W INDEXING SCHEME ASSOCIATED WITH SUBCLASSES F21K, F21L, F21S and F21V, RELATING TO USES OR APPLICATIONS OF LIGHTING DEVICES OR SYSTEMS

NOTE
This subclass constitutes an indexing scheme associated with subclasses F21K, F21L, F21S and F21V, relating to uses or applications of lighting devices or systems.

2102/00 Exterior vehicle lighting devices for illuminating purposes

WARNING

All groups listed in this Warning should be considered in order to perform a complete search.

2102/10 Arrangement or contour of the emitted light

WARNING
Group F21W 2102/10 is incomplete pending reclassification of documents from group F21W 2102/00.

Groups F21W 2102/00 and F21W 2102/10 should be considered in order to perform a complete search.

2102/13 for high-beam region or low-beam region

WARNING
Group F21W 2102/13 is incomplete pending reclassification of documents from group F21W 2102/00.

Groups F21W 2102/00 and F21W 2102/13 should be considered in order to perform a complete search.

2102/145 . . . . . . . . the light having cut-off lines, i.e. clear borderlines between emitted regions and dark regions

WARNING
Group F21W 2102/145 is incomplete pending reclassification of documents from group F21W 2102/00.

Groups F21W 2102/00 and F21W 2102/145 should be considered in order to perform a complete search.

2102/155 . . . . . . . . having vertical cut-off lines; specially adapted for adaptive high beams, i.e. wherein the beam is broader but avoids glaring other road users

WARNING
Group F21W 2102/155 is incomplete pending reclassification of documents from group F21W 2102/00.

Groups F21W 2102/00 and F21W 2102/155 should be considered in order to perform a complete search.

2102/165 . . . . . . . . wherein the light is emitted between two parallel vertical cutoff lines, e.g. selectively emitted rectangular-shaped high beam

WARNING
Group F21W 2102/165 is incomplete pending reclassification of documents from group F21W 2102/00.

Groups F21W 2102/00 and F21W 2102/165 should be considered in order to perform a complete search.
wherein the light is emitted under L-shaped cut-off lines, i.e. vertical and horizontal cutoff lines

**WARNING**
Group F21W 2102/15 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/15 should be considered in order to perform a complete search.

having inclined and horizontal cutoff lines

**WARNING**
Group F21W 2102/155 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/155 should be considered in order to perform a complete search.

having blurred cut-off lines

**WARNING**
Group F21W 2102/16 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/16 should be considered in order to perform a complete search.

the borderlines between emitted regions and dark regions other than cut-off lines being variable

**WARNING**
Group F21W 2102/165 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/165 should be considered in order to perform a complete search.

for regions other than high beam or low beam

**WARNING**
Group F21W 2102/17 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/17 should be considered in order to perform a complete search.

for overhead signs

**WARNING**
Group F21W 2102/18 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/18 should be considered in order to perform a complete search.

for curves

**WARNING**
Group F21W 2102/19 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/19 should be considered in order to perform a complete search.

Illuminance distribution within the emitted light

**WARNING**
Group F21W 2102/20 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/20 should be considered in order to perform a complete search.

the light being emitted to facilitate access to the vehicle

**WARNING**
Group F21W 2102/240 is incomplete pending reclassification of documents from group F21W 2102/00.
Groups F21W 2102/00 and F21W 2102/240 should be considered in order to perform a complete search.

Exterior vehicle lighting devices for signalling purposes

**WARNING**
All groups listed in this Warning should be considered in order to perform a complete search.

Position lights

**WARNING**
Group F21W 2103/10 is incomplete pending reclassification of documents from group F21W 2103/00.
Groups F21W 2103/00 and F21W 2103/10 should be considered in order to perform a complete search.
2103/15  Side marker lights

**WARNING**

Group F21W 2103/15 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/15 should be considered in order to perform a complete search.

2103/20  Direction indicator lights

**WARNING**

Group F21W 2103/20 is impacted by reclassification into group F21W 2103/25.

Groups F21W 2103/20 and F21W 2103/25 should be considered in order to perform a complete search.

2103/25  for rear-view mirrors

**WARNING**

Group F21W 2103/25 is incomplete pending reclassification of documents from group F21W 2103/20.

Groups F21W 2103/20 and F21W 2103/25 should be considered in order to perform a complete search.

2103/30  Hazard lights

**WARNING**

Group F21W 2103/30 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/30 should be considered in order to perform a complete search.

2103/35  Brake lights

**WARNING**

Group F21W 2103/35 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/35 should be considered in order to perform a complete search.

2103/40  Rear fog lights

**WARNING**

Group F21W 2103/40 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/40 should be considered in order to perform a complete search.

2103/45  Reversing lights

**WARNING**

Group F21W 2103/45 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/45 should be considered in order to perform a complete search.

2103/50  Registration plate lights

**WARNING**

Group F21W 2103/50 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/50 should be considered in order to perform a complete search.

2103/55  Daytime running lights [DRL]

**WARNING**

Group F21W 2103/55 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/55 should be considered in order to perform a complete search.

2103/60  Projection of signs from lighting devices, e.g. symbols or information being projected onto the road

**WARNING**

Group F21W 2103/60 is incomplete pending reclassification of documents from group F21W 2103/00.

Groups F21W 2103/00 and F21W 2103/60 should be considered in order to perform a complete search.

2104/00  Exterior vehicle lighting devices for decorative purposes

**WARNING**

Group F21W 2104/00 is incomplete pending reclassification of documents from groups F21S 43/00 and F21S 45/00.

Groups F21S 43/00, F21S 45/00 and F21W 2104/00 should be considered in order to perform a complete search.

2105/00  Combinations of lighting devices covered by codes F21W 2102/00 – F21W 2104/00

**WARNING**

Group F21W 2105/00 is incomplete pending reclassification of documents from groups F21W 2102/00 and F21W 2103/00.

Groups F21W 2102/00, F21W 2103/00 and F21W 2105/00 should be considered in order to perform a complete search.

2106/00  Interior vehicle lighting devices

2107/00  Use or application of lighting devices on or in particular types of vehicles
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2107/10</td>
<td>for land vehicles</td>
</tr>
<tr>
<td>2107/13</td>
<td>for cycles</td>
</tr>
<tr>
<td>2107/17</td>
<td>for motorcycles</td>
</tr>
<tr>
<td>2107/20</td>
<td>for water vehicles</td>
</tr>
<tr>
<td>2107/30</td>
<td>for aircraft</td>
</tr>
<tr>
<td>2111/00</td>
<td><strong>Use or application of lighting devices or systems for signalling, marking or indicating, not provided for in codes F21W 2102/00 – F21W 2107/00</strong></td>
</tr>
<tr>
<td>2111/02</td>
<td>for roads, paths or the like</td>
</tr>
<tr>
<td>2111/023</td>
<td>for pedestrian walkways</td>
</tr>
<tr>
<td>2111/027</td>
<td>for indicating kerbs, steps or stairs</td>
</tr>
<tr>
<td>2111/04</td>
<td>for waterways</td>
</tr>
<tr>
<td>2111/043</td>
<td>for lighthouses or lightships</td>
</tr>
<tr>
<td>2111/047</td>
<td>for light-buoys</td>
</tr>
<tr>
<td>2111/06</td>
<td>for aircraft runways or the like</td>
</tr>
<tr>
<td>2111/08</td>
<td>for handles or handrails</td>
</tr>
<tr>
<td>2111/10</td>
<td>for personal use, e.g. hand-held</td>
</tr>
<tr>
<td>2121/00</td>
<td><strong>Use or application of lighting devices or systems for decorative purposes, not provided for in codes F21W 2102/00 – F21W 2107/00</strong></td>
</tr>
<tr>
<td>2121/002</td>
<td>{Candle holders for birthday or anniversary cakes}</td>
</tr>
<tr>
<td>2121/004</td>
<td>{mounted on the exterior of houses or other buildings to illuminate parts thereof}</td>
</tr>
<tr>
<td>2121/006</td>
<td>{for illumination or simulation of snowy or iced items, e.g. icicle}</td>
</tr>
<tr>
<td>2121/008</td>
<td>{for simulation of a starry sky or firmament}</td>
</tr>
<tr>
<td>2121/02</td>
<td>for fountains</td>
</tr>
<tr>
<td>2121/04</td>
<td>for Christmas trees</td>
</tr>
<tr>
<td>2121/06</td>
<td>for personal wear</td>
</tr>
<tr>
<td>2131/00</td>
<td><strong>Use or application of lighting devices or systems not provided for in codes F21W 2102/00-F21W 2121/00</strong></td>
</tr>
<tr>
<td>2131/10</td>
<td>Outdoor lighting</td>
</tr>
<tr>
<td>2131/1005</td>
<td>{of working places, building sites or the like}</td>
</tr>
<tr>
<td>2131/101</td>
<td>of tunnels or the like, e.g. under bridges</td>
</tr>
<tr>
<td>2131/103</td>
<td>of streets or roads</td>
</tr>
<tr>
<td>2131/105</td>
<td>of arenas or the like</td>
</tr>
<tr>
<td>2131/107</td>
<td>of the exterior of buildings</td>
</tr>
<tr>
<td>2131/109</td>
<td>of gardens</td>
</tr>
<tr>
<td>2131/20</td>
<td>Lighting for medical use</td>
</tr>
<tr>
<td>2131/202</td>
<td>for dentistry</td>
</tr>
<tr>
<td>2131/205</td>
<td>for operating theatres</td>
</tr>
<tr>
<td>2131/208</td>
<td>for hospital wards</td>
</tr>
<tr>
<td>2131/30</td>
<td>Lighting for domestic or personal use</td>
</tr>
<tr>
<td>2131/3005</td>
<td>{for books, i.e. reading lights attachable to books}</td>
</tr>
<tr>
<td>2131/301</td>
<td>for furniture</td>
</tr>
<tr>
<td>2131/302</td>
<td>for mirrors</td>
</tr>
<tr>
<td>2131/304</td>
<td>for pictures</td>
</tr>
<tr>
<td>2131/305</td>
<td>for refrigerators</td>
</tr>
<tr>
<td>2131/307</td>
<td>for ovens</td>
</tr>
<tr>
<td>2131/308</td>
<td>for aquaria</td>
</tr>
<tr>
<td>2131/40</td>
<td>Lighting for industrial, commercial, recreational or military use</td>
</tr>
<tr>
<td>2131/401</td>
<td>for swimming pools</td>
</tr>
<tr>
<td>2131/402</td>
<td>for working places</td>
</tr>
<tr>
<td>2131/403</td>
<td>for machines</td>
</tr>
<tr>
<td>2131/4035</td>
<td>for sewing machines</td>
</tr>
<tr>
<td>2131/405</td>
<td>for shop-windows or displays</td>
</tr>
<tr>
<td>2131/406</td>
<td>for theatres, stages or film studios</td>
</tr>
<tr>
<td>2131/407</td>
<td>for indoor arenas</td>
</tr>
</tbody>
</table>