CPC  COOPERATIVE PATENT CLASSIFICATION

E  FIXED CONSTRUCTIONS

BUILDING

E06  DOORS, WINDOWS, SHUTTERS, OR ROLLER BLINDS IN GENERAL; LADDERS

E06C  LADDERS (E04F 11/00 takes precedence; step-stools A47C 12/00; adaptation of ladders to use on ships B63B, to use on aircraft B64; scaffolding E04G)

**WARNING**

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00  Ladders in general (mounted on undercarriages or vehicles E06C 5/00; permanently attached to fixed structures E06C 9/00)

1/005  Ladders in use as furniture or ladders in relation to furniture, e.g. in cupboards (step-stools, chairs or benches requiring conversion between the step and seat functions A47C 12/02)

1/02  with rigid longitudinal member or members

1/04  Ladders for resting against objects, e.g. walls, poles, trees (supports for ladder heads E06C 7/48)

1/06  . . . in one piece

1/08  . . . multi-part (E06C 3/32 takes precedence)

1/10  . . . Sections fitted end to end

1/12  . . . extensible, e.g. telescopic

1/125  . . . . . . . [with tubular longitudinal members nested within each other]

1/14  . . . Ladders capable of standing by themselves

1/16  . . . with [hinged] struts which rest on the ground (with struts rigid with the ladder E06C 1/24; having platforms E06C 7/16)

1/18  . . . with supporting struts formed as ladders (E06C 1/32 takes precedence)

1/20  . . . with supporting struts formed as poles (stabilising struts E06C 7/423)

1/22  . . . . . . . with extensible, e.g. telescopic, ladder parts or struts

1/24  . . . . . . . [Non-hinged] free-standing ladders

1/26  . . . . . . . in one piece

1/28  . . . . . . . multi-part (with movable supporting struts formed as ladders E06C 1/18)

1/30  . . . . . . . extensible, e.g. telescopic

1/32  . . . Ladders with a strut which is formed as a ladder and can be secured in line with the ladder

1/34  . . . Ladders attached to structures, such as windows, cornices, poles, or the like (E06C 9/12 takes precedence); ladders permanently fastened to buildings E06C 9/00; e.g. climbing irons E06C 9/04)

1/345  . . . . . . . [specially adapted to be installed parallel to the roof surface]

1/36  . . . Ladders suspendable by hooks or the like (ladderhooks E06C 7/505)

1/38  . . . Special constructions of ladders, e.g. ladders with more or less than two longitudinal members, ladders with movable rungs or other treads, longitudinally-foldable ladders

1/381  . . . . . . . Ladders with rungs or treads attached only to one rigid longitudinal member

1/382  . . . . . . . [Tripod ladders]

1/383  . . . Foldable ladders in which the longitudinal members are brought together on folding (E06C 9/00 takes precedence)

1/3835  . . . . . . . [having collapsible steps comprising a hinge in their central part]

1/387  . . . having tip-up steps

1/39  . . . Ladders having platforms; Ladders changeable into platforms (platforms for use on ladders E06C 7/16)

1/393  . . . . . . . Ladders having platforms foldable with the ladder

1/397  . . . . . . . characterised by having wheels, rollers, or runners

1/52  . . . with non-rigid longitudinal members

1/525  . . . . . . . [made of a continuous strip of material]

1/54  . . . of the lazy-tongs type

1/56  . . . Rope or chain ladders

1/58  . . . . . . . with both rigid and non-rigid longitudinal members

5/00  Ladders characterised by being mounted on undercarriages or vehicles (ladders having wheels, rollers, or runners E06C 1/397; ladders on boats B63B 27/14)

5/02  . . . with rigid longitudinal members

5/04  . . . capable of being elevated or extended [Fastening means during transport, e.g. mechanical, hydraulic]

5/06  . . . by piston and cylinder, or equivalent means, operated by a pressure medium

5/08  . . . . . . . derived directly from a pressure reservoir

5/10  . . . . . . . charged by a pump or compressor driven by the motor of the vehicle or another motor on the vehicle

5/12  . . . . . . . derived directly from a pump or compressor

5/14  . . . . . . . driven by the motor of the vehicle or another motor on the vehicle
Component parts, supporting parts, or accessories

7/00

7/003. [Indicating devices, e.g. user warnings or inclinators]

7/006. [Devices for preventing access]

7/02. Extending means (for ladders mounted on undercarriages or vehicles E06C 5/00)

7/04. Hand-operated extending means carried by the ladder

7/06. Securing devices or hooks for parts of extensible ladders

7/08. Special construction of longitudinal members, or rungs or other treads

7/081. [Rungs or other treads comprising anti-slip features]

7/082. [Connections between rungs or treads and longitudinal members]

7/083. [Bracket type connection]

7/084. [Rungs comprising projecting tabs or flanges]

7/085. [achieved by deforming the rung or the stile (E06C 7/084 takes precedence)]

7/086. [with a connecting piece inserted in a hollow rung (E06C 7/088 takes precedence)]

7/087. [with a connecting piece installed around the rung]

7/088. [with tie rods parallel to the rungs]

7/10. Reinforcements for ladders

7/12. Lifts or other hoisting devices on ladders

7/14. Holders for pails or other equipment on or for ladders

7/143. [specially adapted to be inserted into the end of a hollow rung]

7/146. [made from wire (E06C 7/143 takes precedence)]

7/16. Platforms on, or for use on, ladders, e.g. lifttable or lowerable platforms (aspects relating to the lifting B66F)