

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### SHAPING

## B21 MECHANICAL METAL-WORKING WITHOUT ESSENTIALLY REMOVING MATERIAL; PUNCHING METAL

(NOTES omitted)

## B21G MAKING NEEDLES, PINS OR NAILS OF METAL

### 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.

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| <p><b>1/00</b> Making needles used for performing operations<br/>(forming heads on pin-like needles <a href="#">B21G 3/12</a>;<br/>making U-shaped hairpins <a href="#">B21G 7/04</a>)</p> <p>1/003 . {Needles for special purposes, e.g. knitting, crochet,<br/>hat-pins}</p> <p>1/006 . {Special treatments of pins or needles, e.g.<br/>annealing, straightening}</p> <p>1/02 . of needles with eyes, e.g. sewing-needles, sewing-<br/>awls</p> <p>1/04 . . of needles specially adapted for use in machines<br/>or tools</p> <p>1/06 . of needles with hook or barb, e.g. crochet hooks</p> <p>1/08 . of hollow needles or needles with hollow end, e.g.<br/>hypodermic needles, larding-needles (<a href="#">B21G 1/10</a><br/>takes precedence)</p> <p>1/10 . equipped with locking means for the material to be<br/>drawn through, e.g. for repairing tubeless tyres</p> <p>1/12 . Securing, cleaning-off burrs, reconditioning<br/>polishing, grinding (takes precedence over<br/><a href="#">B21G 1/02</a> - <a href="#">B21G 1/10</a>)</p> <p><b>3/00</b> Making pins, nails, or the like (of pins with<br/>individual caps <a href="#">B21G 5/00</a>; of U-like shape<br/><a href="#">B21G 7/00</a>; of split-pins <a href="#">B21G 7/08</a>)</p> <p>3/005 . {Nails or pins for special purposes, e.g. curtain<br/>pins}</p> <p>3/02 . of pins of the kind used in the tailoring trade or the<br/>house- hold</p> <p>3/04 . . with locking or shielding device for the pin point,<br/>e.g. safety-pins</p> <p>3/06 . of nails with shoulders</p> <p>3/08 . of nails with head and two or more shanks or split<br/>shanks</p> <p>3/10 . of undulated nails or pins</p> <p>3/12 . Upsetting; Forming heads</p> <p>3/14 . Reducing diameter of parts otherwise than by<br/>rolling</p> <p>3/16 . Pointing; with or without cutting</p> <p>3/18 . by operations not restricted to one of the groups<br/><a href="#">B21G 3/12</a> - <a href="#">B21G 3/16</a> (<a href="#">B21G 3/06</a> - <a href="#">B21G 3/10</a><br/>take precedence)</p> <p>3/20 . . from wire of indefinite length (by rolling<br/><a href="#">B21G 3/30</a>)</p> <p>3/22 . . . in pairs arranged head to head</p> | <p>3/24 . . . by simultaneously forming the head of one nail<br/>and the adjacent point of another</p> <p>3/26 . . by cutting from strip or sheet material</p> <p>3/28 . . by forging or pressing</p> <p>3/30 . . by rolling</p> <p>3/32 . Feeding material to be worked to nail or pin making<br/>machines</p> <p><b>5/00</b> Making pins or nails with attached caps or with<br/>coated heads</p> <p>5/02 . of drawing-pins or pins of drawing-pin type</p> <p><b>7/00</b> Making pins of U-like shape or split-pins (of paper<br/>fasteners or staples <a href="#">B21D 53/46</a>, <a href="#">B21F 45/16</a>)</p> <p>7/02 . of U-like shape</p> <p>7/04 . . of hairpins</p> <p>7/06 . . . of undulated hairpins</p> <p>7/08 . of split-pins, e.g. cotter-pins</p> |
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