

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>1/00 Making needles used for performing operations (forming heads on pin-like needles B21G 3/12; making U-shaped hairpins B21G 7/04)</p> <p>1/003 . {Needles for special purposes, e.g. knitting, crochet, hat-pins}</p> <p>1/006 . {Special treatments of pins or needles, e.g. annealing, straightening}</p> <p>1/02 . of needles with eyes, e.g. sewing-needles, sewing- awls</p> <p>1/04 . . of needles specially adapted for use in machines 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. hypodermic needles, larding-needles (B21G 1/10 takes precedence)</p> <p>1/10 . equipped with locking means for the material to be drawn through, e.g. for repairing tubeless tyres</p> <p>1/12 . Securing, cleaning-off burrs, reconditioning polishing, grinding (takes precedence over B21G 1/02 - B21G 1/10)</p> <p>3/00 Making pins, nails, or the like (of pins with individual caps B21G 5/00; of U-like shape B21G 7/00; of split-pins B21G 7/08)</p> <p>3/005 . {Nails or pins for special purposes, e.g. curtain pins}</p> <p>3/02 . of pins of the kind used in the tailoring trade or the house- hold</p> <p>3/04 . . with locking or shielding device for the pin point, 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 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 rolling</p> <p>3/16 . Pointing; with or without cutting</p> <p>3/18 . by operations not restricted to one of the groups B21G 3/12 - B21G 3/16 (B21G 3/06 - B21G 3/10 take precedence)</p> <p>3/20 . . from wire of indefinite length (by rolling B21G 3/30)</p> <p>3/22 . . . in pairs arranged head to head</p> | <p>3/24 . . . by simultaneously forming the head of one nail 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 machines</p> <p>5/00 Making pins or nails with attached caps or with coated heads</p> <p>5/02 . of drawing-pins or pins of drawing-pin type</p> <p>7/00 Making pins of U-like shape or split-pins (of paper fasteners or staples B21D 53/46, B21F 45/16)</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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