

Title (en)

Chisel for making slots in building constructions.

Title (de)

Kanalmeissel zur Herstellung von Bauwerkschlitzen.

Title (fr)

Ciseau pour la réalisation des rainures en bâtiments.

Publication

**EP 0519493 B1 19951122 (DE)**

Application

**EP 92110368 A 19920619**

Priority

DE 4120310 A 19910620

Abstract (en)

[origin: EP0519493A1] The invention relates to a chisel (10) for making slots in building constructions for use in an electrically, hydraulically, pneumatically or similarly operated tool with percussion operation. The chisel (10) has at least one coupling groove (12) at its shank end (11) facing the tool and a chisel edge (14) at its other end (13), which chisel edge (14) is U-shaped in cross-section and has at least one laterally projecting, fin-like sliding-surface element (18-23) which is supported on a surface of the construction and in the process guides the chisel edge (14) at a certain setting angle (  $\alpha$  ,  $\beta$  ) to the surface of the construction. The object of the invention is to provide a chisel (10) of the generic category mentioned at the beginning which on the one hand ensures the known slot-depth limit and on the other hand permits different slot depths in accordance with a wide range of variation of the setting angle (  $\alpha$  ). This object is achieved according to the invention in that several sliding-surface elements (18-23) with different setting angles (  $\alpha$  ,  $\beta$  ) relative to the longitudinal centre axis (24) are arranged in the adjacent area of the chisel edge (14), of which sliding-surface elements (18-23) the sliding-surface element (20, 22) with the largest setting angle (  $\alpha$  ) is allocated nearest to the chisel edge (14) and is either arranged directly next to the chisel edge (14) or is set back relative to the latter. <IMAGE>

IPC 1-7

**B28D 1/26**; **B25D 17/02**

IPC 8 full level

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