

Title (en)

A clamping device for making nails.

Title (de)

Klemmvorrichtung zur Herstellung von Nägeln.

Title (fr)

Dispositif de serrage pour la fabrication de clous.

Publication

EP 0406202 B1 19940601 (EN)

Application

EP 90850253 A 19900626

Priority

SE 8902386 A 19890630

Abstract (en)

[origin: EP0406202A2] A clamping device for making nails, comprising a die holder (1) mountable in a nail-making machine and a hard-metal die (2) disposed in the die holder, the hard-metal die having a clamping part (15) which together with a corresponding clamping part of a complementary clamping device holds a nail during the manufacture thereof. The die is provided with at least two spaced apart clamping parts (15) and is detachably inserted and lockable in at least two different positions in a recess (3) formed in the die holder (1).

IPC 1-7

B21G 3/12; **B21G 3/28**

IPC 8 full level

B21G 3/12 (2006.01); **B21G 3/28** (2006.01); **B21J 13/03** (2006.01)

CPC (source: EP)

B21G 3/12 (2013.01); **B21G 3/28** (2013.01); **B21J 13/03** (2013.01)

Cited by

US7090585B2; CN100355516C; EP0504995A1; AT397218B; US6786828B2; WO2009052538A1; WO2004101194A1; US7004846B2; US6780116B2

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EP 0406202 A2 19910102; **EP 0406202 A3 19910724**; **EP 0406202 B1 19940601**; AT E106292 T1 19940615; DE 69009310 D1 19940707; DE 69009310 T2 19950119; FI 903321 A0 19900629; FI 95213 B 19950929; FI 95213 C 19960110; SE 467530 B 19920803; SE 8902386 D0 19890630; SE 8902386 L 19901231

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