

Title (en)  
NAIL DRIVING DEVICE

Publication  
**EP 0141712 B1 19890104 (FR)**

Application  
**EP 84402072 A 19841016**

Priority  
FR 8316702 A 19831020

Abstract (en)  
[origin: EP0141712A2] 1. Device designed to drive in nails, adaptable to an apparatus such as a compressed air chiseler gun or an electric percussion hand-drill of a type comprising an extended body (1) with a shank (2) at one end designed to be fastened to the percussion apparatus and whose other end is shaped into a cylinder (14) the which is mobile against the action of a spring (7), piston (8) extended by a tube (9) said body (1) containing a rod (5) fixed in shank (2) said body crossing cylinder (14) axially and extending through piston (8) and a duct (10) of tube (9), the free end of tube (9) being protected by a rubber cap (24) whose free end protrudes beyond the free end of said sleeve (22), characterized by a magnetic means of holding the nail to be driven in, attached to the free end of tube (9) and protected by cap (24), these magnetic means consisting of a permanent magnet in the form of a sleeve (32), the free end of tube (9) being integral with a bushing (30) containing an axial hole (21) lined up with duct (10) of tube (9), said bushing having its free end shaped to contain a cavity (19) designed to house sleeve (22) containing a pad (18) on its circumference whereas cap (24) contains a groove (25) designed to cooperate with said pad.

IPC 1-7  
**B25C 1/00**

IPC 8 full level  
**B25C 1/00** (2006.01)

CPC (source: EP)  
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Cited by  
FR2597020A1; US6488195B2; WO0016947A1

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**EP 0141712 A2 19850515; EP 0141712 A3 19850612; EP 0141712 B1 19890104;** DE 3475887 D1 19890209; ES 282145 U 19850301; ES 282145 Y 19851016; FR 2553696 A1 19850426; FR 2553696 B1 19870612

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