

Title (en)
DRILLING MACHINE

Publication
EP 0375917 B1 19930210 (DE)

Application
EP 89121362 A 19891118

Priority
DE 3844311 A 19881230

Abstract (en)
[origin: EP0375917A1] Drilling machine for drilling and/or hammer action. A drilling machine is to be further developed with regard to its safety clutch in such a way that it has an exceptionally simple construction requiring few parts and is easy to assemble. A gear (5) and a drive part (12) - components which are already in a drilling machine - at the same time perform the function of clutch parts. Catch recesses (8) are located in the gear (5), and catch hollows (15) which are of flatter design than the catch recesses (8) are located in the mating clutch part (14) of the drive member (12). Inserted into the catch recesses (8) are catch bodies (9) which overlap only relative to the mating clutch part (14) when the clutch is released. Powered hand tools, in particular drilling tools. <IMAGE>

IPC 1-7
B23B 45/16

IPC 8 full level
B23B 45/16 (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP)
B25D 16/003 (2013.01)

Cited by
EP1371458A1; CN100339190C; US7051820B2; WO2006034899A1

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EP 0375917 A1 19900704; EP 0375917 B1 19930210; DE 3844311 A1 19900705; DE 58903533 D1 19930325; JP H02212006 A 19900823

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