

Title (en)
Tap hole drilling machine

Title (de)
Stichlochbohrmaschine

Title (fr)
Dispositif de perçage d'un trou de coulée

Publication
EP 0816516 B1 20011004 (DE)

Application
EP 97110202 A 19970621

Priority
LU 88782 A 19960628

Abstract (en)
[origin: EP0816516A1] The tap hole drilling machine incorporates a column (18), an arm (20) which is pivotable about an axis (22), and a drill carriage (26) which is attached to the arm and is pivotable relative to the arm about an axis (28). It further includes link bars (34', 34") connected by means of hinges (36', 36") and (40', 40") respectively to the column (18) and to the drill carriage (26), to create a transmission unit in which a pivot motion of the arm (20) about the axis (22) produces a pivot motion of the drill carriage about the axis (28). The machine has a switching mechanism (44', 44") which transfers the link bars (34', 34") from a first position into a second position in the transmission unit.

IPC 1-7
C21B 7/12

IPC 8 full level
C21B 7/12 (2006.01)

CPC (source: EP)
C21B 7/12 (2013.01)

Cited by
CN110220383A; US6269890B1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0816516 A1 19980107; EP 0816516 B1 20011004; DE 59704756 D1 20011108; LU 88782 A1 19971228

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EP 97110202 A 19970621; DE 59704756 T 19970621; LU 88782 A 19960628