

Title (en)  
TOOL HOLDER FOR A DRILLING MACHINE

Publication  
**EP 0335795 B1 19930901 (FR)**

Application  
**EP 89400869 A 19890329**

Priority  
FR 8804369 A 19880401

Abstract (en)  
[origin: US5016892A] A drill tool-holder comprises close to its end at least two radial cavities each opening outwardly of the tool-holder and inwardly of its axial bore, and each adapted for housing a ball, or cylinder, the outlet orifices of the cavities being dimensioned so that the ball, or cylinder, may be introduced from the outside into these cavities, but cannot come out thereof towards the inside of the tool-holder axial bore, which tool-holder is characterized by the fact that there is associated therewith a piece made from a hard material (3) whose body (10) has the same form as the cavities and may be housed therein without play, and has on each of its opposite faces a projecting portion (11,12) in the form of a small bar.

IPC 1-7  
**B25D 17/08; B32B 31/04**

IPC 8 full level  
**B25D 17/08** (2006.01)

CPC (source: EP US)  
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Cited by  
CN105381837A; CN112133545A; GB2395158A; GB2395158B; US7338051B2

Designated contracting state (EPC)  
DE ES FR GB IT NL SE

DOCDB simple family (publication)  
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