

Title (en)
DROP-HAMMER DRIVE

Title (de)
FALLHAMMERANTRIEB

Title (fr)
ENTRAINEMENT DE MARTEAU-PILON

Publication
EP 0524280 B1 19960501 (DE)

Application
EP 92903420 A 19920205

Priority
• CH 9200024 W 19920205
• CH 41691 A 19910211

Abstract (en)
[origin: WO9214026A1] The invention concerns a device for the intermittent driving of a drill rod or measurement probe by means of a drop hammer (11) or rammer. The device comprises a striker system which includes the drop hammer (11) or rammer and two rollers (13, 15), with horizontal axes of rotation, mounted symmetrically on opposite sides of the drop hammer. At least one of the rollers is driven, the said rollers being used to lift the drop hammer upwards. Also fitted is a releasable clamping device which holds the rollers (13, 15) together, with the drop hammer (11) or rammer clamped between them, so that the drop hammer is driven to rise upwards.

IPC 1-7
E21B 1/02; **E02D 7/06**

IPC 8 full level
E02D 7/06 (2006.01); **E21B 1/02** (2006.01)

CPC (source: EP US)
E02D 7/06 (2013.01 - EP); **E21B 1/04** (2013.01 - EP US); **E21B 1/38** (2020.05 - EP US)

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
WO 9214026 A1 19920820; CH 683202 A5 19940131; EP 0524280 A1 19930127; EP 0524280 B1 19960501

DOCDB simple family (application)
CH 9200024 W 19920205; CH 41691 A 19910211; EP 92903420 A 19920205