

Title (en)
Drop hammer

Title (de)
Fallhammer-Klopfvorrichtung

Title (fr)
Marteau-pilon

Publication
EP 1767890 B1 20110907 (DE)

Application
EP 06018931 A 20060911

Priority
DE 102005045633 A 20050923

Abstract (en)
[origin: EP1767890A1] The device has a longitudinal extended rotatable shaft (6), which is held by two supports, and a unit provided for rotation of the shaft. Several radial arms (9) are rigidly connected with a shaft at a distance from each other. A drop hammer (10) has a hammer head (11) and a hammer handle and is fixed at each radial arm at its outer end via a hammer joint (13). The hammer comprises of an anvil or striking handle and is designed with additional weight according to a specific equation.

IPC 8 full level
F28G 3/10 (2006.01)

CPC (source: EP)
F28G 7/00 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1767890 A1 20070328; EP 1767890 B1 20110907; AT E523750 T1 20110915; AU 2006222653 A1 20070419; AU 2006222653 B2 20100610; CN 1936489 A 20070328; CN 1936489 B 20110420; DE 102005045633 B3 20070516; DK 1767890 T3 20120102; ES 2373235 T3 20120201

DOCDB simple family (application)
EP 06018931 A 20060911; AT 06018931 T 20060911; AU 2006222653 A 20060922; CN 200610139601 A 20060922; DE 102005045633 A 20050923; DK 06018931 T 20060911; ES 06018931 T 20060911