

Title (en)
PILE DRIVING MACHINE

Title (de)
PFEILEREINTREIBMASCHINE

Title (fr)
MACHINE D'ENFONCAGE DE PIEUX

Publication
EP 0592547 B1 19960814 (EN)

Application
EP 92914725 A 19920702

Priority
• DK 129691 A 19910703
• DK 9200214 W 19920702

Abstract (en)
[origin: WO9301364A1] The machine comprises a mobile, self-propelled frame (1), which carries a mast (7) with a driving head, which either by means of a chain and a hydraulic motor (48) may be pulled down towards the foot of the mast, or by means of a hydraulic jack may be driven towards the foot of the mast. A pile placed under the driving head may thereby be pulled or driven into the ground. The mast may be pivoted in the longitudinal direction of the machine, tilted transversely thereto, displaced transversely to the machine and displaced from the centre of the machine to the front of the machine, which ensures a correct positioning of the pile without the whole machine having to be moved. The mast may carry a displaceable holder, which prevents the pile from bending during the driving down, and a measuring cell for the measurement of the piling force applied may be placed in the driving head (30).

IPC 1-7
E02D 7/16

IPC 8 full level
E02D 7/16 (2006.01); **E02D 7/20** (2006.01); **E02D 13/04** (2006.01); **E21B 7/02** (2006.01); **E21B 15/04** (2006.01)

CPC (source: EP)
E02D 7/20 (2013.01); **E02D 13/04** (2013.01); **E21B 7/025** (2013.01); **E21B 15/04** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9301364 A1 19930121; AT E141362 T1 19960815; AU 2311692 A 19930211; DE 69212832 D1 19960919; DE 69212832 T2 19970320; DK 0592547 T3 19961230; DK 129691 D0 19910703; EP 0592547 A1 19940420; EP 0592547 B1 19960814

DOCDB simple family (application)
DK 9200214 W 19920702; AT 92914725 T 19920702; AU 2311692 A 19920702; DE 69212832 T 19920702; DK 129691 A 19910703; DK 92914725 T 19920702; EP 92914725 A 19920702