

Title (en)
DEVICE FOR DRIVING PILES, PREFERABLY POLES, INTO A FOUNDATION

Title (de)
EINRICHTUNG ZUM RAMMEN EINER FUNDIERUNG VORZUGSWEISE FÜR EINEN MAST

Title (fr)
INSTALLATION DE BATTAGE D'UNE FONDATION, DE PREFERENCE POUR UN POTEAU

Publication
EP 0644968 B1 19960320 (DE)

Application
EP 93912391 A 19930608

Priority
• AT 9300097 W 19930608
• AT 118992 A 19920610

Abstract (en)
[origin: WO9325765A1] The object of the invention is to create a device for ramming pole foundations which limits idle times between ramming operations. Rails (2) on which a self-propelled rail-road vehicle can be driven are laid on a ballast (1). The rail-road vehicle (3) can swivel over 360 DEG with its top (4) in relation to the undercarriage (5). An operation cabin (6), the counter-weight (7) and the hoisting arm (8) are arranged on the top (4). The turning and tilting unit (9) is provided at the free end of the hoisting arm (8). The leader (11) with the rammers (12) is mounted in a guiding unit (10). In the working position, the leader (11) stands vertically and the top (4) is turned over 90 DEG with respect to the direction of the rails. When the ramming operation is finished, the leader (11) is centrally clamped by the guiding unit (10) and is turned over 90 DEG by the turning and tilting unit (9). The leader (11) with the rammers (12) is then shouldered by the hoisting arm (8) and the device can thus be driven to the next ramming position.

IPC 1-7
E02D 7/16

IPC 8 full level
E02D 7/02 (2006.01); **E02D 7/16** (2006.01)

IPC 8 main group level
E02D (2006.01)

CPC (source: EP US)
E02D 7/02 (2013.01 - EP US); **E02D 7/16** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9325765 A1 19931223; AT 398323 B 19941125; AT A118992 A 19940315; AT E135777 T1 19960415; AU 4293893 A 19940104; AU 675791 B2 19970220; BG 61312 B1 19970530; BG 99254 A 19951130; BR 9306526 A 19980915; CA 2137675 A1 19931223; CZ 302194 A3 19950614; DE 59301982 D1 19960425; DK 0644968 T3 19960805; EP 0644968 A1 19950329; EP 0644968 B1 19960320; ES 2087741 T3 19960716; FI 108064 B 20011115; FI 945802 A0 19941209; FI 945802 A 19941209; GR 3020270 T3 19960930; HU 214815 B 19980528; HU 9403550 D0 19950228; HU T71538 A 19951228; JP H08501840 A 19960227; NO 944777 D0 19941209; NO 944777 L 19950209; PL 171782 B1 19970630; RU 2101419 C1 19980110; RU 94046289 A 19961010; SK 152294 A3 19951108; UA 25835 C2 19990226; US 5551519 A 19960903

DOCDB simple family (application)
AT 9300097 W 19930608; AT 118992 A 19920610; AT 93912391 T 19930608; AU 4293893 A 19930608; BG 9925494 A 19941209; BR 9306526 A 19930608; CA 2137675 A 19930608; CZ 302194 A 19930608; DE 59301982 T 19930608; DK 93912391 T 19930608; EP 93912391 A 19930608; ES 93912391 T 19930608; FI 945802 A 19941209; GR 960401649 T 19960619; HU 9403550 A 19930608; JP 50094893 A 19930608; NO 944777 A 19941209; PL 30671193 A 19930608; RU 94046289 A 19930608; SK 152294 A 19930608; UA 94129134 A 19930608; US 34738394 A 19941205