

Title (en)

Piling apparatus adapted to be provided in a tube

Title (de)

In einem Rohr anwendbare Pfahlrammvorrichtung

Title (fr)

Dispositif de battage de pieux adapté à être utilisé dans un tuyau

Publication

EP 0659941 B1 19990428 (EN)

Application

EP 93203598 A 19931220

Priority

EP 93203598 A 19931220

Abstract (en)

[origin: EP0659941A1] The invention relates to a piling apparatus for driving a tube (1) closed at the lower end by a base plate into the ground (6) to form a concrete foundation pile. The apparatus comprises a piling hammer with falling weight (4) and an impact cap (3) acting on the tube (1). The tube (1), at the lower end thereof in the vicinity of the base plate (6), is provided with an inwardly thickened edge (2), while the piling hammer (3,4,5) is provided within the tube (1) and has an impact cap (3) resting in a centred position on both the thickened edge (2) and the bottom plate (6), said piling hammer (3,4,5) comprising a self-centring guide device (9,10,11) acting on the inner surface of the tube (1). <IMAGE>

IPC 1-7

E02D 7/28

IPC 8 full level

E02D 7/28 (2006.01)

CPC (source: EP)

E02D 7/28 (2013.01)

Cited by

CN114000526A

Designated contracting state (EPC)

BE CH DE FR GB LI NL

DOCDB simple family (publication)

EP 0659941 A1 19950628; EP 0659941 B1 19990428; DE 69324695 D1 19990602; DE 69324695 T2 20000504

DOCDB simple family (application)

EP 93203598 A 19931220; DE 69324695 T 19931220