

Title (en)

Method and device for driving piles.

Title (de)

Verfahren und Vorrichtung zum Eintreiben von Pfählen.

Title (fr)

Procédé et dispositif pour le battage de pieux.

Publication

**EP 0525865 B1 19951018 (EN)**

Application

**EP 92202179 A 19920715**

Priority

NL 9101294 A 19910724

Abstract (en)

[origin: EP0525865A1] The method, in which a ram (9) is dropped over a height in a tubular pile (8), provided with a foot, onto an impact face (11) situated in said tubular pile, in order to transfer the kinetic energy from the ram to the ground (13) near the tubular pile, for driving the tubular pile into the ground, is characterised in that the kinetic energy of the ram is transferred dispersed to the ground near the tubular pile. Devices for this are characterised in that means which can temporarily absorb a part of the kinetic energy of the ram are provided. These means can be spring elements (12), and can lie between ram and impact face or between impact face and the wall of the tubular pile. In particular, at least one spring element can be fastened to the ram at the bottom. In this case at least one spring element can have a linear, progressive, depressive or a combined action, and/or a pre-tension and/or a limit for limiting the length change can be provided in it. Such a spring element can also be made of rubber or plastic and/or can have a dampind effect. The tubular pile can be made in particular of steel or plastic. <IMAGE>

IPC 1-7

**E02D 7/08**

IPC 8 full level

**E02D 13/10** (2006.01)

CPC (source: EP)

**E02D 13/10** (2013.01)

Cited by

NL1021995C2; BE1024718B1; US6715962B2; US6626248B1; WO2015178765A1

Designated contracting state (EPC)

BE DE DK FR GB IT NL SE

DOCDB simple family (publication)

**EP 0525865 A1 19930203; EP 0525865 B1 19951018**; DE 69205515 D1 19951123; DE 69205515 T2 19960718; NL 9101294 A 19930216

DOCDB simple family (application)

**EP 92202179 A 19920715**; DE 69205515 T 19920715; NL 9101294 A 19910724