

Title (en)

Device for constructing a pile planking in the ground

Title (de)

Vorrichtung zum Bau einer Pfahlverschalung im Boden

Title (fr)

Dispositif de construction de cloison en palplanches dans le sol

Publication

EP 2309062 A1 20110413 (EN)

Application

EP 10075587 A 20101001

Priority

NL 1037361 A 20091006

Abstract (en)

A device for constructing a pile planking in the ground (3), which pile planking in particular is formed by concrete pile elements (4). Said device comprises a receiving member (8), consisting of a front wall (10), a platform (9) and two side walls (11) connected to this for receiving at least one pile element (14). A substantial vertical pressure beam (13) is movable mounted in said receiving member (8) and between said pressure beam (13) and said front wall (10) are provided pressing means, in the shape of jacks (12) or such like, serving for pressing away a pile element (14) from said front wall (10). Said device comprises a digging machine (2), mounted to a tractor (1) in a substantial vertical direction, a groove (4) being formed in the ground (3) by moving said digging machine (2) by means of said tractor (1), the front wall (10) of said receiving member (8) being fixedly connected to said digging machine (2).

IPC 8 full level

E02D 13/02 (2006.01); **E02D 13/04** (2006.01); **E02D 17/13** (2006.01)

CPC (source: EP)

E02D 13/02 (2013.01); **E02D 13/04** (2013.01); **E02D 17/13** (2013.01)

Citation (applicant)

- BE 792637 A 19730330 - SMET HUGO A C M
- DE 3600663 A1 19860619 - HACKMACK ALFRED

Citation (search report)

- [I] BE 792637 A 19730330 - SMET HUGO A C M
- [A] DE 3600663 A1 19860619 - HACKMACK ALFRED
- [A] NL 98924 C
- [A] NL 6906052 A 19700112
- [A] US 5409326 A 19950425 - KU CHUN-I [TW]
- [A] NL 9500213 A 19960902 - I D S B V I O [NL]

Citation (examination)

- JP S61151314 A 19860710 - UEMURA KOICHI, et al
- DE 4108873 A1 19921008 - KRUSE JOHANNES [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2309062 A1 20110413; NL 1037361 C2 20110407

DOCDB simple family (application)

EP 10075587 A 20101001; NL 1037361 A 20091006