

Title (en)

Method and device for driving a series of sheet pile planks into the ground

Title (de)

Verfahren und Vorrichtung um eine Reihe von Spundwandbohlen in den Boden zu führen

Title (fr)

Méthode et appareil pour enfoncer une série de palplanches dans le sol

Publication

EP 2221418 B1 20120208 (EN)

Application

EP 10153248 A 20100211

Priority

NL 2002543 A 20090218

Abstract (en)

[origin: EP2221418A1] A device for carrying out the method for driving a series (1) of sheet pile planks (4) into the ground comprises individual drive-in means (8) for individually acting on at least two sheet pile planks (4), and pressure means (11,12,13) for supplying fluid to the individual sheet pile planks at excess pressure. The pressure means are designed for optionally dispensing fluid (19) either at a relatively high pressure and/or a relatively high flow rate, on the one hand, or fluid (18) at a relatively low pressure and/or a relatively low flow rate, on the other hand. Control means are provided for activating the drive-in means (8) associated with a sheet pile plank, for simultaneously supplying the fluid (19) at a relatively high pressure and/or a relatively high flow rate to said sheet pile plank and simultaneously supplying the fluid (18) at a relatively low pressure and/or a relatively low flow rate to the sheet pile plank which is kept stationary.

IPC 8 full level

E02D 7/24 (2006.01); **E02D 7/26** (2006.01)

CPC (source: EP)

E02D 7/24 (2013.01); **E02D 7/26** (2013.01)

Cited by

NL2012020C2; CN101929158A; RU2619646C1; CN108978653A

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2221418 A1 20100825; **EP 2221418 B1 20120208**; AT E544911 T1 20120215; NL 2002543 C2 20100824

DOCDB simple family (application)

EP 10153248 A 20100211; AT 10153248 T 20100211; NL 2002543 A 20090218