

Title (en)

Assembly for forming an elongated construction element under ground, and a displacement element for use therein

Title (de)

Anordnung um ein längliches unterirdisches Bauelement zu schaffen, und ein darin anzuwendendes Verschiebungselement

Title (fr)

Ensemble pour former un élément de construction allongé souterrain, et élément de déplacement à utiliser dans cet ensemble

Publication

EP 1878832 A3 20120627 (EN)

Application

EP 07112443 A 20070713

Priority

NL 1032167 A 20060714

Abstract (en)

[origin: EP1878832A2] An assembly for forming an elongate construction element underground, in particular a foundation pile, comprises an elongate displacement body (10) and a device for driving the displacement body into the ground in an axial direction. The displacement body is provided at an outer end (13) with at least one displacing member (14) and with an outflow opening (12) for a curing construction liquid. The at least one displacing member herein comprises at least one substantially flat blade which extends in axial direction from the outer end of the displacement body. The blade (14) is provided with at least one recess (21..24) within a periphery (15) which may or may not be imaginary.

IPC 8 full level

E02D 5/36 (2006.01); **E02D 5/28** (2006.01); **E02D 5/44** (2006.01); **E02D 5/72** (2006.01); **E02D 27/16** (2006.01)

CPC (source: EP)

E02D 5/285 (2013.01); **E02D 5/72** (2013.01); **E02D 27/16** (2013.01)

Citation (search report)

- [X] EP 1400633 A2 20040324 - SIGMA CONSULT GMBH [AT]
- [E] BE 1018657 A5 20110607 - SMET LUC MARIA HUGO CORNEEL [BE]

Cited by

CN107905223A; EP4227467A1; GB2479237A; EP2374943A3; GB2479237B; WO2022135641A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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