

Title (en)

Pile-like foundation element with inflatable body

Title (de)

Fundamentpfahl mit einem aufblasbaren Körper

Title (fr)

Pieu avec un corps gonflable

Publication

EP 1591588 A1 20051102 (EN)

Application

EP 05075930 A 20050419

Priority

NL 1026057 A 20040427

Abstract (en)

The invention relates to a pile-like foundation element for arranging or forming in the ground which is provided with a head (3) and a tip (4), wherein the foundation element comprises an inflatable body (5) arranged at least close to the tip and filling means (6) connecting to the inflatable body for filling the inflatable body with a filling material.

IPC 1-7

E02D 5/44

IPC 8 full level

E02D 5/44 (2006.01)

CPC (source: EP)

E02D 5/44 (2013.01)

Citation (search report)

- [X] US 3113436 A 19631210 - LEO NALEN JOSEPH
- [X] US 3492823 A 19700203 - LAMBERTON BRUCE A
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 355 (M - 1004) 31 July 1990 (1990-07-31)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1591588 A1 20051102; NL 1026057 C2 20051103

DOCDB simple family (application)

EP 05075930 A 20050419; NL 1026057 A 20040427