

Title (en)
Method for making column members

Title (de)
Verfahren zum Herstellen von Säulen

Title (fr)
Méthode pour construire des colonnes

Publication
EP 1234916 B1 20060524 (DE)

Application
EP 02003803 A 20020220

Priority
DE 10108602 A 20010222

Abstract (en)
[origin: EP1234916A2] Process for producing columns in ground having at least one unstable ground layer comprises shaking a displacement device (17) from the ground surface (11) through a non-supporting ground layer up to a supported ground layer (13, 14), constructing a lower column section (20) supported by the supported ground layer, inserting a tubular sleeve (22) from the ground surface into the lower column section, and filling the sleeve with material to form an upper column section supported by the sleeve. Independent claims are also included for a column body and an improved/stabilized building ground in which column bodies are distributed. Preferred Features: The material used to fill the upper column section is made from sand, water, concrete, stone, ballast, or gravel. The sleeve is made from a steel sheet, composite material or plastic.

IPC 8 full level
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CPC (source: EP)
E02D 3/08 (2013.01); **E02D 3/123** (2013.01); **E02D 7/14** (2013.01)

Cited by
EP2616591A4; CN102444119A; EP1937900A4; CN111851479A; EP1888848A4; US8562258B2; US10513831B2; WO2013175208A3; WO2022021469A1; WO2006127571A2; US8079780B2; WO2011001297A1; WO2011098081A3; WO2007041250A2; US8128319B2; US7488139B2; WO2012037089A2; EP3118375A1; US10858796B2; US11479935B2; US12012715B2

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