

Title (en)
Pile for strengthening building foundations

Title (de)
Pfahl zur Verstärkung eines Gebäudefundaments

Title (fr)
Pieux pour renforcer d'une fondation de batiment

Publication
EP 1845202 A1 20071017 (EN)

Application
EP 06112580 A 20060412

Priority
EP 06112580 A 20060412

Abstract (en)
A modular strengthening pile for the foundations of buildings comprises a stainless steel outer jacket (2) which has, transversally to the main direction of extension (X) of the pile, a dimension of between 3 and 15 cm, and a thickness of between 0.8 and 5 mm; a core (3) inside the jacket (2) and at least partly consisting of an inert material (4); and engagement means (5) attached to at least a first end (2a) of the jacket (2), allowing connection to a second end (2b) of the jacket of another pile (1) .

IPC 8 full level
E02D 5/28 (2006.01); **E02D 5/52** (2006.01)

CPC (source: EP)
E02D 5/285 (2013.01); **E02D 5/523** (2013.01)

Citation (search report)
• [Y] GB 2414032 A 20051116 - SHIRE STRUCTURES LTD [GB]
• [Y] EP 0156538 A1 19851002 - ERICO PROD INC [US]
• [A] WO 8103672 A1 19811224 - GUSTAVSBERG AB [SE]
• [A] EP 0337543 A2 19891018 - GRUNDFORSTARKNINGAR HYDRAULISK [SE]

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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