

Title (en)

Method of constructing a basement beneath an existing building

Title (de)

Verfahren zum Erstellen einer Verankerung unter einem bestehenden Gebäude

Title (fr)

Procédé de construction d'un fondement au-dessous d'un bâtiment

Publication

**EP 1405952 A2 20040407 (EN)**

Application

**EP 03019069 A 20030822**

Priority

IT BO20020552 A 20020830

Abstract (en)

A method of constructing a basement (13) beneath an existing building (1), whereby a bed (4) is formed at at least part of a useful surface area (3) of the building (1); the bed (4) is connected to a wall structure (2) of the building (1); a number of foundation piles (11) are inserted through the bed (4) into the ground (12) beneath the bed (4); the foundation piles (11) are fixed to the bed (4); and the ground about the foundation piles (11) and beneath substantially the whole of the bed (4) is excavated to form the basement (13). <IMAGE> <IMAGE>

IPC 1-7

**E02D 27/48**

IPC 8 full level

**E02D 27/48** (2006.01); **E04B 1/00** (2006.01)

CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1405952 A2 20040407**; **EP 1405952 A3 20050126**; **EP 1405952 B1 20090422**; AT E429545 T1 20090515; DE 60327291 D1 20090604; ES 2325953 T3 20090925; IT BO20020552 A1 20040229; PT 1405952 E 20090727

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