

Title (en)
Method for raising a building

Title (de)
Verfahren zum Anheben eines Gebäudes

Title (fr)
Procédé pour élever des bâtiments

Publication
EP 1760201 A1 20070307 (EN)

Application
EP 06120139 A 20060905

Priority
IT BO20050546 A 20050906

Abstract (en)
A method for raising a building (1) provided with a number of load-bearing elements (4); a horizontal cut is made through each load-bearing element (4) along a cutting line to define a lower portion and an upper portion of the load bearing element (4) reciprocally separated by the cutting line; making a series of niches (11) immediately underneath the cutting line and through the load-bearing elements (4); at least one thrust device (12) is arranged at each niche; each thrust device is operated so as to apply an upward thrust between the lower portion and the upper portion of the load-bearing element (4) and determine the progressive raising of the upper portion of the load-bearing element (4); at the end of the raising operation, a series of supporting piles (19) is arranged between the lower portion and the upper portion of load-bearing elements (4); and finally the thrust devices (12) are removed.

IPC 8 full level
E02D 35/00 (2006.01)

CPC (source: EP)
E02D 35/00 (2013.01); **E04G 23/06** (2013.01); **E04G 23/065** (2013.01)

Citation (search report)
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• [A] GB 2024283 A 19800109 - MCTAY ENG CO LTD
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CN106320737A; CN105862895A; US2019277021A1; US10683659B2

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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