

Title (en)

METHOD OF RAISING A BUILDING STRUCTURE, IN PARTICULAR A BUILDING STRUCTURE SUBJECT TO FLOODING

Title (de)

VERFAHREN ZUM ANHEBEN EINES BAUWERKES, INSBESONDEREN EINES ÜBERFLUTBAREN BAUWERKES

Title (fr)

PROCEDE DE REHAUSSEMENT D'UNE STRUCTURE D'IMMEUBLE, EN PARTICULIER D'UNE STRUCTURE D'IMMEUBLE SUJET AUX INONDATIONS

Publication

EP 1792019 B1 20151007 (EN)

Application

EP 05781601 A 20050805

Priority

- IB 2005002730 W 20050805
- IT BO20040514 A 20040806

Abstract (en)

[origin: WO2006016277A2] A method of raising a building structure (1), resting on a supporting body (2; 28), with respect to the supporting body (2; 28), the method including forming a foundation structure (3) for supporting the building structure (1) and having a number of through holes (4), and a number of connecting members (5; 11), each fixed to the foundation structure (3) close to a respective hole (4); inserting through each hole (4) a pile (6) having a bottom end (8) resting on the supporting body (2; 28), and a top end (16) projecting from the hole (4) ; fitting to each pile (6) a respective thrust device (15), which rests at one end on the top end (16) of the pile (6) and is secured at the other end to the corresponding connecting member (5; 11); and statically applying a respective thrust on each pile (6) by means of the respective thrust device (15) to raise the building structure (1) with respect to the supporting body (2; 28).

IPC 8 full level

E02D 27/00 (2006.01)

CPC (source: EP)

E02D 27/48 (2013.01); **E02D 35/00** (2013.01); **E04G 23/06** (2013.01)

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

DOCDB simple family (publication)

WO 2006016277 A2 20060216; WO 2006016277 A3 20060427; EP 1792019 A2 20070606; EP 1792019 B1 20151007; IT BO20040514 A1 20041106

DOCDB simple family (application)

IB 2005002730 W 20050805; EP 05781601 A 20050805; IT BO20040514 A 20040806