

Title (en)  
FOUNDATION ARRANGEMENT

Title (de)  
FUNDAMENTANORDNUNG

Title (fr)  
DISPOSITIF DE CONSTRUCTION DE FONDATIONS

Publication  
**EP 2024575 A4 20100113 (EN)**

Application  
**EP 07730668 A 20070402**

Priority  
• FI 2007050181 W 20070402  
• FI 20065375 A 20060602

Abstract (en)  
[origin: WO2007141376A1] The invention relates to a foundation arrangement for a structure or a building, wherein one or more pillars (6) of the structure or building are supported to pile (2) placed into the ground. In accordance with the invention, the foundation arrangement comprises a pile array including two or more piles (2) for supporting a pillar (6), and one or more beams (4, 5) or a plate, which are/is supported to one or more piles (2) of the pile array, and a pillar (6) supported to one or more beams (4, 5) or the plate for distributing the loading of the pillar by means of one or more beams (4, 5) or the plate to the piles (2) of the pile array.

IPC 8 full level  
**E02D 27/12** (2006.01)

CPC (source: EP FI)  
**E02D 27/12** (2013.01 - EP); **E02D 27/42** (2013.01 - FI); **E04H 12/22** (2013.01 - FI)

Citation (search report)  
• [X] US 6904724 B1 20050614 - CARRELL MARK [US]  
• [X] GB 2216153 A 19891004 - THOMPSON ROYDON JOHN CHUTE  
• [X] DE 10109040 C1 20020711 - HANSEN CONRAD [DE], et al  
• [X] WO 9318253 A1 19930916 - ROEYNESTAD TOM TORALV [NO]  
• [X] WO 0140585 A1 20010607 - BROSNIHAN GAIL ANNE [ZA], et al  
• [X] WO 9831877 A1 19980723 - JYRKI TARKKONEN OY [FI], et al  
• See references of WO 2007141376A1

Cited by  
CN102493495A

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007141376 A1 20071213**; AT E514817 T1 20110715; EP 2024575 A1 20090218; EP 2024575 A4 20100113; EP 2024575 B1 20110629; FI 20065375 A0 20060602; FI 20065375 L 20071203; NO 20084900 L 20090121; RU 2008147067 A 20100720; RU 2453657 C2 20120620

DOCDB simple family (application)  
**FI 2007050181 W 20070402**; AT 07730668 T 20070402; EP 07730668 A 20070402; FI 20065375 A 20060602; NO 20084900 A 20081121; RU 2008147067 A 20070402