

Title (en)  
Support for outdoor raised floors

Title (de)  
Stütze für Doppelböden im Aussenbereich

Title (fr)  
Support pour planchers surélevés extérieurs

Publication  
**EP 2017404 A1 20090121 (EN)**

Application  
**EP 08160362 A 20080714**

Priority  
IT VI20070200 A 20070716

Abstract (en)  
A support for use in outdoor raised floors comprising a body (1) with an underside (2) for standing on the subfloor and an upper surface (3) for supporting the flooring tiles, the upper surface having spacer elements (4) in relief and defining four quadrants corresponding to four portions (11; 12; 13 and 14) of the body, the four portions being designed to support the corners of the tiles. In line with each of the four portions (11; 12; 13 and 14), there is a housing (5) forming part of the body (1) of the support and designed to contain corresponding coupling means (6), whose position with respect to the housing can be adjusted in height so that they can come into contact with the underside.

IPC 8 full level  
**E04F 15/024** (2006.01); **E01C 5/00** (2006.01); **E04D 11/00** (2006.01)

CPC (source: EP)  
**E04D 11/007** (2013.01); **E04F 15/02044** (2013.01); **E04F 2015/02127** (2013.01)

Citation (applicant)  
• DE 4216615 A1 19931125 - HAESNER FRIEDHOLD [DE]  
• WO 0159231 A1 20010816 - SCHMID BAUKUNSTSTOFFE GMBH [DE]  
• DE 1930438 A1 19701217 - SODE DIPL ING HERIBERT  
• CH 569842 A5 19751015 - SANTANDREA MARC G  
• US 7140156 B1 20061128 - LOWE JR HAROLD EDWARD [US], et al

Citation (search report)  
• [XY] US 7140156 B1 20061128 - LOWE JR HAROLD EDWARD [US], et al  
• [A] WO 0159231 A1 20010816 - SCHMID BAUKUNSTSTOFFE GMBH [DE]  
• [A] DE 1930438 A1 19701217 - SODE DIPL ING HERIBERT  
• [A] CH 569842 A5 19751015 - SANTANDREA MARC G  
• [A] DE 4216615 A1 19931125 - HAESNER FRIEDHOLD [DE]  
• [Y] WO 2006087572 A1 20060824 - TURNER INTELLECT PROPERTY LTD [GB], et al  
• [A] WO 9501485 A1 19950112 - NIVELL SYSTEM AB [SE], et al

Cited by  
ITVI20120082A1; EP3032000A3; CN113789693A; GB2478985A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

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DOCDB simple family (application)  
**EP 08160362 A 20080714**; ES 08160362 T 20080714; IT VI20070200 A 20070716; SI 200830920 T 20080714