

Title (en)  
BEARING APPARATUS WITH CONTROLLED STIFFNESS

Title (de)  
AUFLAGER MIT KONTROLLIERTER STEIFIGKEIT

Title (fr)  
APPAREIL D'APPUI À RAIDEUR CONTRÔLÉE

Publication  
**EP 3099868 B1 20180228 (FR)**

Application  
**EP 15710721 A 20150128**

Priority  
• EP 14152943 A 20140128  
• EP 2015051740 W 20150128

Abstract (en)  
[origin: WO2015114024A1] The invention concerns the field of support devices for equipping various types of structures. More particularly, the invention concerns a support device (100) comprising a plurality of force transmission parts (1, 2a, 2b) in mutual contact so as to transmit forces directed substantially in a predefined direction (D). One of the parts has a convex surface (1a, 1b), another having a concave surface (20a, 20b) with a larger radius of curvature. The convex surface is in contact with the concave surface in a contact area. At least one of the force transmission parts comprises a block of homogeneous material having at least one recess (4) in a portion substantially aligned with the contact area along said predefined direction.

IPC 8 full level  
**E04H 9/02** (2006.01)

CPC (source: EP KR US)  
**E04H 9/023** (2013.01 - EP KR US)

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

DOCDB simple family (publication)  
**EP 2899334 A1 20150729; EP 2899334 B1 20160831**; EP 3099868 A1 20161207; EP 3099868 B1 20180228; ES 2603954 T3 20170302; JP 2017510760 A 20170413; KR 20160114113 A 20161004; TR 201807331 T4 20180621; US 2016348389 A1 20161201; WO 2015114024 A1 20150806

DOCDB simple family (application)  
**EP 14152943 A 20140128**; EP 15710721 A 20150128; EP 2015051740 W 20150128; ES 14152943 T 20140128; JP 2016548688 A 20150128; KR 20167023228 A 20150128; TR 201807331 T 20150128; US 201515114693 A 20150128