

Title (en)  
A SLIDING BEARING FOR SEISMIC PROTECTION

Title (de)  
GLEITLAGER ZUR ERDBEBENSCHUTZ

Title (fr)  
APPUI À GLISSIÈRE POUR PROTECTION SISMIQUE

Publication  
**EP 3158148 A1 20170426 (EN)**

Application  
**EP 15715873 A 20150223**

Priority  
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Abstract (en)  
[origin: WO2016137409A1] Embodiments of the present invention relates a sliding bearing (1) adapted to provide ground movement protection to a construction, comprising a first plate (2), adapted to be installed to a construction (B), having a first sliding surface (2.1) in a concave form and a second plate (3), adapted to be installed among foundation (A) of the construction, having a second sliding surface (3.1) in a concave form, and a sliding shoe (4) positioned between the first plate (2) and the second plate (3), wherein the sliding shoe (4) has an upper sliding surface (4.1) in a convex form, in contact with the first sliding surface (2.1) and a lower sliding surface (4.2) in a convex form, in contacted with the second sliding surface (3.1), wherein the first plate (2), the second plate (3) and the sliding shoe (4) are capable of sliding with pendulum motion relative to each other in response to a ground movement forces, sheet of a sliding material (5) covers first sliding surface (2.1) and upper sliding surface (4.1) comprising; PTFE resin filled with molybdenum disulfide MoS<sub>2</sub> in a maximum amount of 2.5% by weight of the sliding material (5).

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

CPC (source: EP US)  
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