

Title (en)
POT BEARING FOR CONSTRUCTIONS

Title (de)
TOPFLAGER FÜR KONSTRUKTIONEN

Title (fr)
PALIER DE POT POUR CONSTRUCTIONS

Publication
EP 3850157 B1 20220518 (EN)

Application
EP 19783122 A 20190910

Priority
• IT 201800008504 A 20180911
• IB 2019057615 W 20190910

Abstract (en)
[origin: WO2020053756A1] A pot bearing comprises a pot, an elastomeric pad accomodated in the pot, a plate that rests on the elastomeric pad and protrudes at least in part inside the pot, and an internal seal that circumferentially surrounds the rim of the elastomeric pad to create a sliding sealing between the latter and the pot, the seal being made entirely or mainly of polytetrafluoroethylene modified with the addition of perfluoropropylvinylether in a percentage between 0,1% and 0,3% by weight.

IPC 8 full level
E01D 19/04 (2006.01)

CPC (source: EP)
E01D 19/047 (2013.01)

Citation (opposition)
Opponent : Maurer SE
• EP 2784220 A1 20141001 - MAGEBA SA [CH]
• WO 2015136457 A1 20150917 - CAVE S R L [IT]
• EP 0333893 A1 19890927 - SCHWAEBISCHE HUETTENWERKE GMBH [DE]
• WO 2006042571 A1 20060427 - MAURER FRIEDRICH SOEHNE [DE], et al
• "DIN EN 1337-5 Lager im Bauwesen - Teil 5: Topflager//Structural bearing - Part 5: Pot bearings//Appareils d'appui structuraux - Partie 5: Appareils d'appui à pot", DEUTSCHE NORMEN. DIN NORM., vol. 1337-5, 1 July 2005 (2005-07-01), pages 54 pp., XP009172011
• ANONYMOUS: "Lager im Bauwesen - Teil 2: Gleiteile", DIN EN 1337-2:2004-07, 1 July 2004 (2004-07-01), XP055465767, [retrieved on 20180410]
• ANONYMOUS: "Lager im Bauwesen-Teil 1: Allgemeine Regelungen", DIN EN 1337-1:2001-02, 1 February 2001 (2001-02-01), XP055465741, [retrieved on 20180410]
• ANONYMOUS: "SYNTHEO 8002 (Brückenlagerqualität)", KLÜBER LUBRICATION, 3 January 2015 (2015-01-03), pages 1 - 2, XP093029942

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)
WO 2020053756 A1 20200319; AU 2019340588 A1 20210401; EP 3850157 A1 20210721; EP 3850157 B1 20220518; ES 2923591 T3 20220928; HR P20220947 T1 20221028; HU E059336 T2 20221128; PL 3850157 T3 20220926; PT 3850157 T 20220726; RS 63472 B1 20220831; SG 11202102307X A 20210429; SI 3850157 T1 20220930

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