

Title (en)

PLAIN BEARING ASSEMBLY OF A ROTATIONAL ELEMENT ON A BEARING BOLT, IN PARTICULAR OF A PLANETARY GEAR ON A PLANETARY GEAR BOLT OF A PLANETARY GEARBOX

Title (de)

GLEITLAGERANORDNUNG EINES DREHELEMENTS AUF EINEM LAGERBOLZEN, INSBESONDERE EINES PLANETENRADES AUF EINEM PLANETENRADBOLZEN EINES PLANETENRADGETRIEBES

Title (fr)

AGENCEMENT À PALIER LISSE D'UN ÉLÉMENT ROTATIF SUR UN AXE DE PALIER, EN PARTICULIER D'UNE ROUE PLANÉTAIRE SUR UN AXE DE ROUE PLANÉTAIRE D'UN ENGRENAGE PLANÉTAIRE

Publication

EP 3362696 A1 20180822 (DE)

Application

EP 16790516 A 20161012

Priority

- DE 102015219687 A 20151012
- DE 2016200469 W 20161012

Abstract (en)

[origin: WO2017063650A1] The invention relates to a plain bearing assembly of a rotational element on a bearing bolt, said assembly comprising a bearing bolt (2), a bearing sleeve (4), which is non-rotatably mounted on said bolt and which comprises a first radial bearing surface (5) formed on its outer periphery, a rotational element (3) which is rotatably mounted on the bearing sleeve (4) and which is slidingly mounted on the first radial bearing surface (5) by means of a second radial bearing surface (6). Axial bearing washers (9), which project radially beyond the bearing sleeve (4), are secured to both end faces (10) of the rotational elements (3), the washers running against axial bearing surfaces of the bearing sleeve (4), and axial flanks of the bearing sleeve (4) form axial bearing surfaces (8) for the axial bearing washers (9).

IPC 8 full level

F16C 17/10 (2006.01); **F16C 33/10** (2006.01); **F16C 35/02** (2006.01); **F16H 57/04** (2010.01); **F16H 57/08** (2006.01)

CPC (source: EP US)

F16C 17/10 (2013.01 - EP US); **F16C 33/1055** (2013.01 - EP US); **F16C 33/1065** (2013.01 - EP US); **F16C 35/02** (2013.01 - EP US); **F16C 43/02** (2013.01 - EP US); **F16H 57/0479** (2013.01 - EP US); **F16C 2360/31** (2013.01 - EP US); **F16C 2361/61** (2013.01 - EP US); **F16H 57/082** (2013.01 - US); **F16H 2057/085** (2013.01 - EP US)

Citation (search report)

See references of WO 2017063650A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016219800 A1 20170413; CN 108138838 A 20180608; CN 108138838 B 20191206; EP 3362696 A1 20180822; US 10253817 B2 20190409; US 2018306247 A1 20181025; WO 2017063650 A1 20170420

DOCDB simple family (application)

DE 102016219800 A 20161012; CN 201680059847 A 20161012; DE 2016200469 W 20161012; EP 16790516 A 20161012; US 201615767763 A 20161012