

Title (en)  
BALL JOINT

Title (de)  
KUGELGELENK

Title (fr)  
ARTICULATION À ROTULE

Publication  
**EP 3592997 A1 20200115 (DE)**

Application  
**EP 18705583 A 20180209**

Priority  
• DE 102017203711 A 20170307  
• EP 2018053243 W 20180209

Abstract (en)  
[origin: WO2018162169A1] The invention relates to a ball joint comprising a housing surrounding a housing opening, with which a central axis extending in an axial direction (z) and through the housing opening is associated, a ball journal comprising a joint ball, which is mounted in the housing such that it moves with the joint ball thereof and extends out of said housing through the housing opening, and a sealing ring (13) securely arranged in the housing, surrounding the central axis and supporting the joint ball in the axial direction, said sealing ring defining a sealing ring opening (25) through which the ball journal extends, the sealing ring opening being wider in a longitudinal direction (x) extending transversely to the central axis than in a transverse direction (y) extending transversely to the central axis and to the longitudinal direction.

IPC 8 full level  
**F16C 11/06** (2006.01)

CPC (source: EP KR US)  
**F16C 11/0638** (2013.01 - EP KR US); **F16C 11/069** (2013.01 - EP KR); **F16C 11/0628** (2013.01 - EP); **F16C 2229/00** (2013.01 - EP KR US); **F16C 2326/05** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2018162169A1

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)  
**WO 2018162169 A1 20180913**; CN 110382885 A 20191025; DE 102017203711 A1 20180913; EP 3592997 A1 20200115; JP 2020509301 A 20200326; KR 102452897 B1 20221011; KR 20190119137 A 20191021; US 2019390706 A1 20191226

DOCDB simple family (application)  
**EP 2018053243 W 20180209**; CN 201880015723 A 20180209; DE 102017203711 A 20170307; EP 18705583 A 20180209; JP 2019536847 A 20180209; KR 20197028801 A 20180209; US 201816481514 A 20180209