

Title (en)
BALL JOINT

Title (de)
KUGELGELENK

Title (fr)
JOINT À ROTULE

Publication
EP 2315953 A1 20110504 (DE)

Application
EP 09776137 A 20090811

Priority
• DE 2009050043 W 20090811
• DE 102008041620 A 20080827

Abstract (en)
[origin: WO2010022718A1] The invention proposes a ball joint for a motor vehicle, having a housing (1) and having a ball pin (2), the joint ball (3) of which is mounted in a rotatable and pivotable manner in a bearing shell (6). According to the invention, the bearing shell (6) has a sheet-metal strip which is provided with recesses and which is shaped so as to form the bearing shell. The invention also describes a method for producing a component of a bearing shell of a ball joint of said type.

IPC 8 full level
F16C 11/06 (2006.01)

CPC (source: EP KR US)
F16C 11/06 (2013.01 - KR); **F16C 11/0628** (2013.01 - EP US); **Y10T 29/49655** (2015.01 - EP US); **Y10T 403/32631** (2015.01 - EP US)

Citation (search report)
See references of WO 2010022718A1

Citation (examination)
EP 0026864 A1 19810415 - TRW INC [US]

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
DE 102008041620 A1 20100304; BR PI0918182 A2 20151201; BR PI0918182 B1 20200428; CN 102132051 A 20110720; EP 2315953 A1 20110504; JP 2012500946 A 20120112; KR 20110045058 A 20110503; RU 2011110906 A 20121010; RU 2499919 C2 20131127; US 2012114412 A1 20120510; WO 2010022718 A1 20100304

DOCDB simple family (application)
DE 102008041620 A 20080827; BR PI0918182 A 20090811; CN 200980133624 A 20090811; DE 2009050043 W 20090811; EP 09776137 A 20090811; JP 2011524180 A 20090811; KR 20117005898 A 20090811; RU 2011110906 A 20090811; US 200913060503 A 20090811