

Title (en)

METAL CAGE FOR ROLLER BEARINGS

Title (de)

METALLKÄFIG FÜR ROLLENLAGER

Title (fr)

CAGE MÉTALLIQUE POUR ROULEMENT À ROULEAUX

Publication

**EP 2069649 A1 20090617 (DE)**

Application

**EP 07801338 A 20070915**

Priority

- DE 2007001670 W 20070915
- DE 102006047544 A 20061007

Abstract (en)

[origin: WO2008040295A1] Metal cage for roller bearings, comprising two cage side parts, between which the rollers are held, wherein a plurality of holding elements (4) which permanently connect the cage side parts (2, 3) to one another are arranged essentially parallel to the rotational axis of the rollers (6) which are held between two holding elements (4), are not rotatably mounted on the cage side parts (2, 3) and are spaced apart from the holding elements (4).

IPC 8 full level

**F16C 19/26** (2006.01); **F16C 33/46** (2006.01)

CPC (source: EP KR US)

**B65G 47/90** (2013.01 - EP US); **B65G 57/24** (2013.01 - EP US); **B65G 61/00** (2013.01 - EP US); **F16C 19/26** (2013.01 - EP KR US);  
**F16C 33/46** (2013.01 - KR); **F16C 33/4611** (2013.01 - EP US); **F16C 33/4664** (2013.01 - EP US); **B65G 2201/0235** (2013.01 - EP US);  
**F16C 2300/14** (2013.01 - EP); **F16C 2360/31** (2013.01 - EP US)

Citation (search report)

See references of WO 2008040295A1

Citation (examination)

JP 2002213458 A 20020731 - NTN TOYO BEARING CO LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006047544 A1 20080410**; CN 101548111 A 20090930; CN 101548111 B 20110907; EP 2069649 A1 20090617;  
JP 2010506106 A 20100225; JP 4939609 B2 20120530; KR 101090041 B1 20111207; KR 20090077817 A 20090715;  
US 2010166355 A1 20100701; WO 2008040295 A1 20080410

DOCDB simple family (application)

**DE 102006047544 A 20061007**; CN 200780045052 A 20070915; DE 2007001670 W 20070915; EP 07801338 A 20070915;  
JP 2009530752 A 20070915; KR 20097009363 A 20070915; US 44444407 A 20070915