

Title (en)

CAGE FOR A ROLLING BEARING AND ROLLING BEARING

Title (de)

KÄFIG FÜR EIN WÄLZLAGER UND WÄLZLAGER

Title (fr)

CAGE POUR UN PALIER DE ROULEMENT ET PALIER DE ROULEMENT

Publication

EP 2473748 A1 20120711 (DE)

Application

EP 10757400 A 20100820

Priority

- DE 102009040008 A 20090903
- EP 2010062143 W 20100820

Abstract (en)

[origin: WO2011026737A1] The invention relates to a cage (2) for a rolling bearing (1), having a first cage side ring (3), and having a plurality of bars (4) each disposed protruding from the first cage side ring (3) and at a distance from each other, such that pockets (5) are formed thereby for receiving rolling elements (6), wherein the first cage side ring (3) comprises an elastically deformable segment (7) in the region of one pocket (5) each, said segment being formed as a multiple bridge disposed between two adjacent bars (4). The invention further relates to a rolling bearing having such a cage.

IPC 8 full level

F16C 19/36 (2006.01); **F16C 33/46** (2006.01)

CPC (source: EP US)

F16C 19/364 (2013.01 - EP US); **F16C 33/4605** (2013.01 - EP US); **F16C 33/4635** (2013.01 - EP US); **F16C 33/4682** (2013.01 - EP US); **F16C 2300/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2011026737A1

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009040008 A1 20110310; CN 102498305 A 20120613; EP 2473748 A1 20120711; US 2012163748 A1 20120628; WO 2011026737 A1 20110310

DOCDB simple family (application)

DE 102009040008 A 20090903; CN 201080039399 A 20100820; EP 10757400 A 20100820; EP 2010062143 W 20100820; US 201013393968 A 20100820