

Title (en)
TAPERED ROLLER BEARING FOR A WHEEL

Title (de)
KEGELROLLENLAGER FÜR EIN RAD

Title (fr)
ROULEMENT A ROULEAUX CONIQUES POUR ROUE

Publication
EP 1751439 A1 20070214 (DE)

Application
EP 05750299 A 20050521

Priority
• DE 2005000937 W 20050521
• DE 102004026457 A 20040529

Abstract (en)
[origin: WO2005116466A1] The invention relates to a wheel bearing unit (1, 10) comprising at least one inner raceway (5) for tapered rollers (6) and an axial support for front faces (6a) of the tapered rollers (6) that is joined to the inner raceway (5). The axial support is axially joined to the tapered rollers (6) on the side of the large diameter of the tapered rollers (6), and the axial support radially projects above the largest inside diameter of the inner raceway (5).

IPC 8 full level
F16C 19/36 (2006.01); **F16C 19/38** (2006.01); **F16C 33/46** (2006.01); **F16C 33/60** (2006.01)

CPC (source: EP US)
F16C 19/364 (2013.01 - EP US); **F16C 19/386** (2013.01 - EP US); **F16C 33/4605** (2013.01 - EP US); **F16C 33/4635** (2013.01 - EP US); **F16C 33/605** (2013.01 - EP US); **F16C 2240/40** (2013.01 - EP US); **F16C 2326/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2005116466A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005116466 A1 20051208; DE 102004026457 A1 20051222; EP 1751439 A1 20070214; US 2008044121 A1 20080221

DOCDB simple family (application)
DE 2005000937 W 20050521; DE 102004026457 A 20040529; EP 05750299 A 20050521; US 56970105 A 20050521