

Title (en)

MULTI-ROW SYMMETRICAL ROLLING BEARING

Title (de)

MEHRREIHIGES SYMMETRISCHES WÄRLAGER

Title (fr)

PALIER SYMETRIQUE DE ROULEMENT A PLUSIEURS RANGEES

Publication

**EP 1979637 A1 20081015 (DE)**

Application

**EP 07702351 A 20070117**

Priority

- DE 2007000070 W 20070117
- DE 102006004273 A 20060131

Abstract (en)

[origin: DE102006004273A1] The roller bearing comprises two bearing rings (2,3) and a multitude of rolling elements (5) arranged between them in four rows (11,12,13,14). The rolling elements (5) in the first two rows (11,14) are made with a first diameter (TK1,TK4) and the roller elements (5) in the second two rows (12,13) with a second diameter (TK2,TK3) creating an overall conical shape. Rows containing roller elements with the same diameter are symmetrically arranged in relation to a longitudinal axis (LR). An independent claim is given for a wheel bearing with a roller bearing of the specific design.

IPC 8 full level

**F16C 19/18** (2006.01); **B60B 27/00** (2006.01); **F16C 19/50** (2006.01)

CPC (source: EP KR US)

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**F16C 19/18** (2013.01 - KR); **F16C 19/182** (2013.01 - EP US); **F16C 19/184** (2013.01 - EP US); **F16C 19/50** (2013.01 - KR);  
**F16C 19/505** (2013.01 - EP US); **F16C 33/58** (2013.01 - KR); **F16C 2240/80** (2013.01 - EP US); **F16C 2326/02** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

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