

Title (en)
ROLLING BEARING

Title (de)
WÄLZLAGER

Title (fr)
PALIER À ROULEMENT

Publication
EP 1963695 A1 20080903 (DE)

Application
EP 06828634 A 20061208

Priority
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Abstract (en)
[origin: WO2007071228A1] The invention relates to a rolling bearing comprising at least one bearing ring (2) and a plurality of rollers (5), the bearing ring (2) having a raceway (4a) for the rollers (5) and at least one lateral rim (6) for axially guiding the rollers (5). The roller (5) has a front face (11) facing the rim (6) and the rim (6) has a rim bearing surface (6a) facing the roller (5). At least sections of at least the front face (11) or the rim bearing surface (6a) are cambered in the direction of the rim bearing surface (6a) or the front face (11), said camber having a logarithmic profile of camber in at least one border section (11b, 11c).

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Citation (search report)
See references of WO 2007071228A1

Citation (examination)
• DE 10042901 A1 20010613 - NSK LTD [JP]
• GB 304992 A 19290131 - TIMKEN ROLLER BEARING CO

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