

Title (en)

ANGULAR CONTACT BEARING UNIT WITH ONE PIECE INNER BEARING ELEMENT

Title (de)

SCHRÄGWÄLZLAGER MIT EINTEILIGEM INNENRING

Title (fr)

ROULEMENT DE CONTACT ANGULAIRE COMPORTANT UN ELEMENT DE ROULEMENT INTERIEUR EN UNE PIECE

Publication

EP 1038113 A1 20000927 (EN)

Application

EP 98958408 A 19981208

Priority

- NL 9800705 W 19981208
- NL 9700705 W 19971217

Abstract (en)

[origin: WO9931398A1] A double row angular contact rolling element bearing unit comprises an inner bearing element (1) and an outer bearing element (2) having two pairs of opposite races, as well as two rows of rolling elements which are in rolling contact each with a pair of races. The inner bearing element (1) comprises a single inner bearing piece which carries two raceways (15, 16) of equal or different diameters, and the outer bearing element (2) comprises two outer ring pieces (3, 4) each carrying at least one raceway (17, 18), which two outer ring pieces are mutually connected. The outer ring pieces are mutually connected by connecting means (5) providing an axial adjustability of said outer ring pieces (3, 4).

IPC 1-7

F16C 25/06; F16C 19/18; F16C 19/38; B60B 27/00

IPC 8 full level

B60B 27/00 (2006.01); **B60B 35/02** (2006.01); **F16C 19/18** (2006.01); **F16C 19/38** (2006.01); **F16C 19/49** (2006.01); **F16C 25/06** (2006.01); **F16C 33/46** (2006.01)

CPC (source: EP KR)

B60B 27/001 (2013.01 - EP); **F16C 19/497** (2013.01 - EP); **F16C 25/06** (2013.01 - KR); **F16C 43/04** (2013.01 - EP); **F16C 19/38** (2013.01 - EP); **F16C 19/386** (2013.01 - EP); **F16C 19/49** (2013.01 - EP); **F16C 2226/16** (2013.01 - EP); **F16C 2226/36** (2013.01 - EP); **F16C 2229/00** (2013.01 - EP); **F16C 2240/84** (2013.01 - EP); **F16C 2326/02** (2013.01 - EP); **F16C 2361/61** (2013.01 - EP); **F16H 2048/423** (2013.01 - EP)

Citation (search report)

See references of WO 9931398A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

WO 9931398 A1 19990624; AU 1446699 A 19990705; AU 5348298 A 19990705; EP 1038113 A1 20000927; JP 2002508485 A 20020319; KR 20010033245 A 20010425; WO 9931397 A1 19990624

DOCDB simple family (application)

NL 9800705 W 19981208; AU 1446699 A 19981208; AU 5348298 A 19971217; EP 98958408 A 19981208; JP 2000539270 A 19981208; KR 20007006670 A 20000616; NL 9700705 W 19971217