

Title (en)  
ROLLER FOR A BELT DRIVE

Title (de)  
ROLLE FÜR EINEN RIEMENTRIEB

Title (fr)  
CYLINDRE DESTINE A UN ENTRAINEMENT A COURROIE

Publication  
**EP 1481173 A1 20041201 (DE)**

Application  
**EP 03704510 A 20030201**

Priority  
• DE 10209673 A 20020305  
• EP 0301005 W 20030201

Abstract (en)  
[origin: WO03074888A1] A tightening roller or a deflection roller (1) for a belt drive consists of a roller (2), which is rotationally mounted, via an antifriction bearing (3), on supporting element (4) with the aid of a fastening screw (4.2). The roller (2) is sealed on both sides, whereby that invention provides that a second sealing element, which is joined in a fixed manner to the inner ring (2.4) of the roller, is placed between the supporting element (4) and the roller (2).

IPC 1-7  
**F16C 13/00**; **F16C 33/78**

IPC 8 full level  
**F16C 13/00** (2006.01); **F16C 33/72** (2006.01); **F16C 33/76** (2006.01); **F16H 7/08** (2006.01)

CPC (source: EP US)  
**F16C 13/006** (2013.01 - EP US); **F16C 33/723** (2013.01 - EP US); **F16C 33/76** (2013.01 - EP US); **F16C 33/7896** (2013.01 - EP US); **F16H 7/20** (2013.01 - EP US); **F16C 19/06** (2013.01 - EP); **F16C 35/067** (2013.01 - EP US); **F16C 2361/63** (2013.01 - EP US); **F16H 2007/0865** (2013.01 - EP US)

Citation (search report)  
See references of WO 03074888A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**WO 03074888 A1 20030912**; AU 2003206813 A1 20030916; BR PI0308138 A2 20160621; DE 10209673 A1 20030918; EP 1481173 A1 20041201; US 2005026729 A1 20050203; US 7011593 B2 20060314

DOCDB simple family (application)  
**EP 0301005 W 20030201**; AU 2003206813 A 20030201; BR 0308138 A 20030201; DE 10209673 A 20020305; EP 03704510 A 20030201; US 93316804 A 20040902