

Title (en)  
Assembly of a mechanical part onto an axle

Title (de)  
Zusammenbau eines Teils mit einer Achse

Title (fr)  
Assemblage d'une pièce sur un axe

Publication  
**EP 1705533 B1 20100407 (FR)**

Application  
**EP 05006186 A 20050322**

Priority  
EP 05006186 A 20050322

Abstract (en)  
[origin: EP1705533A1] The device has a washer (11) presenting a central hole (12) of diameter smaller than the diameter of an intermediate portion (8) of an axle (2) of a pinion (3). The washer is fixed on the intermediate portion by bolsterring, sticking, setting or welding and maintains an escape wheel (1) in an axial position against the side of the pinion. The washer has projections housed against an outer side of central parts (6a) of elastic arms (6) of the wheel.

IPC 8 full level  
**G04B 13/02** (2006.01); **G04B 15/14** (2006.01); **G04B 17/34** (2006.01); **G04B 35/00** (2006.01)

CPC (source: EP)  
**G04B 13/022** (2013.01); **G04B 15/14** (2013.01); **G04B 17/34** (2013.01); **G04B 35/00** (2013.01)

Cited by  
EP2219083A1; EP3644128A1; EP2273322A1; JP2019052931A; EP3141520A1; CH701155B1; JP2017102108A; EP3779608A1; CN112394627A; RU2655874C2; EP3051364A1; EP3106932A1; EP3112952A1; EP2154582A1; EP2860591A1; JP2016061776A; EP3141522A1; JP2021001874A; US10281879B2; US11378918B2; US10343234B2; US11573533B2; WO2010018051A1; US9310770B2; US9488961B2; JP2018155523A; JP2020060373A; US2022299941A1; US11829108B2; CN101968626A; EP2765462A1; CN103984219A; EP2860592A1; CN104570684A; CN106919038A; CN107885073A; EP3418815A3; RU2679451C2; EP2107433A1; US11409244B2; US9244432B2; US9671755B2; EP3418815A2; US10761483B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1705533 A1 20060927; EP 1705533 B1 20100407**; AT E463766 T1 20100415; DE 602005020416 D1 20100520; HK 1095643 A1 20070511

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