

Title (en)

Driving pulley for a flexible handrail

Title (de)

Rad zum Antreiben eines flexiblen Handlaufs

Title (fr)

Poulie d'entraînement pour une main-courante flexible

Publication

**EP 1731472 A1 20061213 (DE)**

Application

**EP 06114909 A 20060602**

Priority

- EP 05104964 A 20050607
- EP 06114909 A 20060602

Abstract (en)

The wheel (10) has a tire (20) with a tire cover (30) and has an elastomeric power transmission element. The tire is formed with a bladder that is filled with pressurized gas. The power transmission element having contact surface comprising stud-like projections, is accommodated in the peripheral recess (36) of the tire cover. The power transmission element is equipped with a reinforcing insert (42) that is made of metal, natural fiber or plastic material.

IPC 8 full level

**B66B 23/04** (2006.01)

CPC (source: EP US)

**B66B 23/04** (2013.01 - EP US)

Citation (search report)

- [A] EP 1464609 A1 20041006 - INVENTIO AG [CH]
- [A] US 6199678 B1 20010313 - REO SEUNG DAE [KR]
- [A] WO 2004108581 A1 20041216 - SEMPERIT AG HOLDING [AT], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**US 2006272925 A1 20061207; US 7255217 B2 20070814;** BR PI0602157 A 20070221; CA 2549406 A1 20061207; CA 2549406 C 20140909; CN 100526194 C 20090812; CN 1876551 A 20061213; EP 1731472 A1 20061213; EP 1731472 B1 20130327; ES 2416680 T3 20130802; HK 1101379 A1 20071018

DOCDB simple family (application)

**US 44846606 A 20060607;** BR PI0602157 A 20060606; CA 2549406 A 20060605; CN 200610088695 A 20060601; EP 06114909 A 20060602; ES 06114909 T 20060602; HK 07106196 A 20070611