

Title (en)

ROLLER FOR A BELT TRANSPORTER COMPRISING SENSORS FOR MONITORING THE CONDITION OF THE ROLLER

Title (de)

ROLLE FÜR EINEN BANDFÖRDERER MIT SENSOREN ZUR ÜBERWACHUNG DES ZUSTANDS DER ROLLE

Title (fr)

ROULEAU POUR TRANPORTEUR À COURROIE COMPRENANT DES CAPTEURS POUR SURVEILLER L'ÉTAT DU ROULEAU

Publication

**EP 2632828 A4 20180321 (EN)**

Application

**EP 11836719 A 20111025**

Priority

- SE 1051104 A 20101025
- SE 2011051261 W 20111025

Abstract (en)

[origin: WO2012057680A1] The present invention concerns a roller for a belt transporter comprising a body that is mounted in bearings on an axis of rotation such that it can rotate. The body comprises measurement sensors for registering measured values of the roller, and an electronic arrangement that transmits and receives signals. The invention concerns also a system for monitoring a roller, a method to be used in the system, and the use of a roller.

IPC 8 full level

**B65G 39/00** (2006.01); **B65G 43/00** (2006.01)

CPC (source: EP SE)

**B65G 39/00** (2013.01 - SE); **B65G 39/02** (2013.01 - EP); **B65G 43/00** (2013.01 - SE); **B65G 43/02** (2013.01 - EP); **B65G 43/10** (2013.01 - EP);  
**F16C 13/00** (2013.01 - EP); **F16C 2326/58** (2013.01 - EP)

Citation (search report)

- [XP] WO 2010142029 A1 20101216 - TCA TECHNOLOGIES INC [CA], et al
- [XJ] US 2004173440 A1 20040909 - MAUCH HARALD [DE], et al
- [XJ] US 2009120766 A1 20090514 - MARKLE CHRISTOPH [DE], et al
- [XJ] CN 101475094 A 20090708 - UNIV TAIYUAN TECHNOLOGY [CN]
- See references of WO 2012057680A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012057680 A1 20120503**; AU 2011321060 A1 20130523; AU 2011321060 B2 20160721; AU 2011321060 C1 20171123;  
BR 112013010005 A2 20170725; EP 2632828 A1 20130904; EP 2632828 A4 20180321; SE 1051104 A1 20120426; SE 536095 C2 20130507

DOCDB simple family (application)

**SE 2011051261 W 20111025**; AU 2011321060 A 20111025; BR 112013010005 A 20111025; EP 11836719 A 20111025;  
SE 1051104 A 20101025