

Title (en)

FAST MEASUREMENT METHOD FOR DETECTING OFW SENSOR DATA

Title (de)

SCHNELLES MESSVERFAHREN ZUR ERFASSUNG VON OFW-SENSORDATEN

Title (fr)

PROCÉDÉ DE MESURE RAPIDE POUR ACQUÉRIR DES DONNÉES DE CAPTEUR OFW

Publication

**EP 2598867 A2 20130605 (DE)**

Application

**EP 11732406 A 20110704**

Priority

- AT 12662010 A 20100728
- EP 2011061187 W 20110704

Abstract (en)

[origin: WO2012013449A2] The invention relates to a method for measuring physical properties of endless pressed goods, wherein sensor elements and coupling elements connected thereto are embedded in the pressed goods and wherein a scanning device is further provided, said scanning device having an electrical operative connection to the coupling elements and wherein the sensor elements are excited and a statement is made about the physical properties of the endless pressed goods from the reply signal (TX). Said method is characterized in that the reply signal (TX) in the scanning device is applied to the first input (A) of a multiplier element (M) and to a second input (A) of the multiplier element (M) via a frequency-dependent phase shifter (P), that the output signal (C) of the multiplier element (M) is conducted via a low pass (TP) and that the output signal (C) of the low pass (TP) is utilized to determine the statement about the physical properties of the endless pressed goods.

IPC 8 full level

**G01N 29/24** (2006.01); **G01K 11/26** (2006.01); **G01N 29/42** (2006.01)

CPC (source: AT EP)

**G01D 21/02** (2013.01 - AT); **G01K 11/26** (2013.01 - AT); **G01K 11/265** (2013.01 - EP); **G01N 29/041** (2013.01 - AT); **G01N 29/2462** (2013.01 - AT EP); **G01N 29/2475** (2013.01 - AT EP); **G01N 29/42** (2013.01 - AT EP); **G01N 2291/014** (2013.01 - EP); **G01N 2291/02872** (2013.01 - EP); **G01N 2291/02881** (2013.01 - EP); **G01N 2291/0423** (2013.01 - EP)

Citation (search report)

See references of WO 2012013449A2

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 2012013449 A2 20120202**; **WO 2012013449 A3 20120405**; AT 510244 A1 20120215; AT 510244 B1 20150615; EP 2598867 A2 20130605

DOCDB simple family (application)

**EP 2011061187 W 20110704**; AT 12662010 A 20100728; EP 11732406 A 20110704