

Title (en)  
PRODUCT SENSOR, PRODUCT WITH THE PRODUCT SENSOR, SYSTEM AND METHOD FOR ALLOWING COMMUNICATION BETWEEN THE PRODUCT SENSOR AND THE SYSTEM

Title (de)  
PRODUKTSENSOR, PRODUKT MIT PRODUKTSENSOR, ANLAGE UND VERFAHREN ZUR KOMMUNIKATION ZWISCHEN PRODUKTSENSOR UND ANLAGE

Title (fr)  
CAPTEUR DE PRODUIT, PRODUIT AVEC CAPTEUR DE PRODUIT, INSTALLATION ET PROCÉDÉ POUR LA COMMUNICATION ENTRE LE CAPTEUR DE PRODUIT ET L'INSTALLATION

Publication  
**EP 2663905 A1 20131120 (DE)**

Application  
**EP 12715543 A 20120328**

Priority  
• DE 102011006786 A 20110405  
• EP 2012055461 W 20120328

Abstract (en)  
[origin: WO2012136526A1] A product may be provided with a product sensor, thus making it possible to determine, together with the product, data relating to a system or a machine with the aid of the product sensor. The data determined can be used to diagnose and/or control the system or machine. In this case, it is advantageous that the data are obtained at the location of the product and it is thus possible to directly determine a desirable or undesirable effect (for example of environmental parameters or of the system itself) on the product. The invention can be used, for example, in automation, in systems or machines or in different product manufacture variants.

IPC 8 full level  
**G05B 19/418** (2006.01)

CPC (source: EP KR US)  
**G01D 4/00** (2013.01 - US); **G05B 19/418** (2013.01 - KR); **G05B 19/4183** (2013.01 - EP US); **G06Q 10/0832** (2013.01 - EP US); **G05B 2219/31095** (2013.01 - EP US); **G05B 2219/31283** (2013.01 - EP US); **G05B 2219/33192** (2013.01 - EP US); **Y02P 90/02** (2015.11 - EP US)

Citation (search report)  
See references of WO 2012136526A1

Citation (examination)  
• EP 1764666 A1 20070321 - SIEMENS AG [DE]  
• US 2002179400 A1 20021205 - DERSHAM ROBERT EDWARD [US], et al

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)  
**DE 102011006786 A1 20121011; DE 102011006786 B4 20130411**; CN 103443724 A 20131211; CN 103443724 B 20170620; EP 2663905 A1 20131120; KR 101955339 B1 20190307; KR 20140027225 A 20140306; US 2014022093 A1 20140123; US 9696179 B2 20170704; WO 2012136526 A1 20121011

DOCDB simple family (application)  
**DE 102011006786 A 20110405**; CN 201280017218 A 20120328; EP 12715543 A 20120328; EP 2012055461 W 20120328; KR 20137029348 A 20120328; US 201214110228 A 20120328