

Title (en)
BEARING HAVING AN INDICATOR

Title (de)
LAGER MIT INDIKATOR

Title (fr)
PALIER À INDICATEUR

Publication
EP 2898229 A1 20150729 (DE)

Application
EP 13759125 A 20130806

Priority

- DE 102012216762 A 20120919
- DE 2013200102 W 20130806

Abstract (en)
[origin: WO2014044262A1] Bearing, in particular rolling bearing, comprising, as bearing parts, at least one bearing ring (1, 2), a sealing element or a cage (3). The object of specifying a bearing which can easily be retrofitted for subsequent damage analysis and does not necessitate any significant design modifications compared to standard bearings is achieved, according to the invention, for the bearing mentioned in the introduction by an indicator (4, 5, 6, 7) which can be triggered mechanically, in particular by impact and/or mechanical tensile or compressive stress, is arranged on the surface of the body of the bearing part and, when a limit value is reached, has an irreversible, visually ascertainable change.

IPC 8 full level
F16C 19/00 (2006.01); **F16C 41/00** (2006.01)

CPC (source: EP US)
F16C 17/24 (2013.01 - EP US); **F16C 19/52** (2013.01 - US); **F16C 19/522** (2013.01 - EP US); **F16C 19/525** (2013.01 - EP US);
F16C 33/586 (2013.01 - EP US); **F16C 33/7816** (2013.01 - EP US); **F16C 41/00** (2013.01 - US); **F16C 41/008** (2013.01 - EP US)

Citation (search report)
See references of WO 2014044262A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102012216762 A1 20140320; CN 104685236 A 20150603; CN 104685236 B 20170718; EP 2898229 A1 20150729;
US 2015233418 A1 20150820; WO 2014044262 A1 20140327

DOCDB simple family (application)
DE 102012216762 A 20120919; CN 201380046683 A 20130806; DE 2013200102 W 20130806; EP 13759125 A 20130806;
US 201314428828 A 20130806