

Title (en)
ROTATING CLEANER

Title (de)
ROTIERENDER REINIGER

Title (fr)
NETTOYEUR ROTATIF

Publication
EP 3271085 B1 20210512 (DE)

Application
EP 16709785 A 20160314

Priority
• DE 102015003561 A 20150318
• EP 2016055409 W 20160314

Abstract (en)
[origin: WO2016146564A1] The invention relates to a rotating cleaner (1), comprising: a housing (2), which has a cavity (10) and an inlet (9) that can be connected to a fluid supply line; a shaft (5), which extends at least partially into the cavity (10); a spraying body (3), which is connected to the shaft (5) for conjoint rotation and comprises an outlet (8); and a plain bearing for rotatably supporting the shaft (5) in the housing (2), the plain bearing having a rotating bearing surface (23) a resting bearing surface (22), and a bearing gap. In order to improve the cleanability and the rotational characteristics of the rotating parts, the rotating bearing surface (23) and the resting bearing surface (22) according to the invention are each formed as a contiguous surface for supporting the shaft (5) in the radial and axial directions.

IPC 8 full level
B08B 9/093 (2006.01)

CPC (source: EP US)
B05B 1/044 (2013.01 - US); **B05B 3/002** (2013.01 - EP); **B05B 3/06** (2013.01 - EP US); **B05B 13/0636** (2013.01 - US); **B08B 3/02** (2013.01 - US); **B08B 9/0936** (2013.01 - EP US); **B05B 1/046** (2013.01 - EP US); **B05B 3/026** (2013.01 - EP US); **B05B 13/0636** (2013.01 - EP); **B08B 2203/0247** (2013.01 - US)

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 2016146564 A1 20160922; DE 102015003561 A1 20160922; DK 3271085 T3 20210705; EP 3271085 A1 20180124; EP 3271085 B1 20210512; US 10376930 B2 20190813; US 2018111167 A1 20180426

DOCDB simple family (application)
EP 2016055409 W 20160314; DE 102015003561 A 20150318; DK 16709785 T 20160314; EP 16709785 A 20160314; US 201615558685 A 20160314