

Title (en)

SEAL FOR AN ADJUSTMENT DEVICE FOR A SUPERCHARGING DEVICE

Title (de)

DICHTUNG FÜR EINE VERSTELLEINRICHTUNG EINER AUFLADEEINRICHTUNG

Title (fr)

JOINT D'ÉTANCHÉITÉ POUR UN SYSTÈME DE RÉGLAGE D'UN DISPOSITIF DE SURALIMENTATION

Publication

EP 2504544 A2 20121003 (DE)

Application

EP 10754893 A 20100916

Priority

- DE 102009055865 A 20091126
- EP 2010005687 W 20100916

Abstract (en)

[origin: WO2011063871A2] The invention relates to an adjustment device (10) for a supercharging device, in particular an exhaust gas turbocharger, comprising a bearing element (14), in particular a bushing (14), in which an adjustment shaft (16) is accommodated at least in some sections and by means of which the adjustment shaft (16) can be supported in a housing (12) of the supercharging device, wherein at least one sealing element (28) is arranged on the adjustment shaft (16) in a section (22) of the adjustment shaft (16) that protrudes beyond the bearing element (14) in the axial direction (20).

IPC 8 full level

F02C 6/12 (2006.01)

CPC (source: EP US)

F01D 17/20 (2013.01 - EP US); **F02C 6/12** (2013.01 - EP); **F02C 6/12** (2013.01 - US); **F05D 2240/55** (2013.01 - EP US)

Citation (search report)

See references of WO 2011063871A2

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009055865 A1 20110601; **DE 102009055865 B4 20210624**; CN 102656351 A 20120905; CN 102656351 B 20160921; EP 2504544 A2 20121003; JP 2013512373 A 20130411; JP 5762430 B2 20150812; US 2012228833 A1 20120913; US 9039354 B2 20150526; WO 2011063871 A2 20110603; WO 2011063871 A3 20111013

DOCDB simple family (application)

DE 102009055865 A 20091126; CN 201080053431 A 20100916; EP 10754893 A 20100916; EP 2010005687 W 20100916; JP 2012540297 A 20100916; US 201213459148 A 20120428