

Title (en)
SILENCER FOR SUPERCHARGER

Title (de)
SCHALLDÄMPFER FÜR AUFLADER

Title (fr)
SILENCIEUX POUR COMPRESSEUR À SURALIMENTATION

Publication
EP 2868910 A4 20150826 (EN)

Application
EP 14822436 A 20140707

Priority
• JP 2013144515 A 20130710
• JP 2014068001 W 20140707

Abstract (en)
[origin: EP2868910A1] This turbocharger silencer includes a suction housing (H) coupled to an outside-air introducing duct and that is attached to an air suction port of a turbocharger main body, to reduce noise of suction air introduced from radially outward with reference to a rotor shaft of the turbocharger main body, in which a plurality of sound absorbing splitters (2) are arranged radially with reference to the rotor shaft of the turbocharger main body in the circumferential direction and are disposed such that the directions of apexes of some sound absorbing splitters (2) of the plurality of sound absorbing splitters (2) are different from those of apexes of the rest of the sound absorbing splitters (2).

IPC 8 full level
F02M 35/12 (2006.01); **F02B 37/00** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR)
F02B 37/00 (2013.01 - KR); **F02M 35/12** (2013.01 - KR); **F02M 35/1211** (2013.01 - EP); **F02M 35/1216** (2013.01 - EP); **F02M 35/1288** (2013.01 - EP); **F04D 29/444** (2013.01 - EP); **F04D 29/663** (2013.01 - EP); **F05D 2220/40** (2013.01 - EP); **F05D 2250/51** (2013.01 - EP)

Citation (search report)
• [XY] WO 2013089159 A1 20130620 - MITSUBISHI HEAVY IND LTD [JP]
• [XA] WO 2013008840 A1 20130117 - MITSUBISHI HEAVY IND LTD [JP], et al
• [YA] DE 1503270 A1 19700716 - FISCHACHTALER MASCHB GMBH
• [AD] JP H11200969 A 19990727 - MITSUBISHI ALUMINIUM, et al
• [A] FR 2334857 A1 19770708 - BBC BROWN BOVERI & CIE [CH]
• [A] JP S60119328 A 19850626 - YAMAHA MOTOR CO LTD
• See references of WO 2015005252A1

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KR20200103813A; US11549471B2; WO2019137854A1

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)
EP 2868910 A1 20150506; EP 2868910 A4 20150826; CN 104487694 A 20150401; CN 104487694 B 20170405; JP 2015017536 A 20150129; JP 5863720 B2 20160217; KR 101547092 B1 20150824; KR 20150020717 A 20150226; WO 2015005252 A1 20150115

DOCDB simple family (application)
EP 14822436 A 20140707; CN 201480001930 A 20140707; JP 2013144515 A 20130710; JP 2014068001 W 20140707; KR 20157002263 A 20140707