

Title (en)
Noise silencer for construction equipment

Title (de)
Schalldämpfer für Baumaschinen

Title (fr)
Silencieux pour équipement de construction

Publication
EP 2148012 A1 20100127 (EN)

Application
EP 09008928 A 20090708

Priority
KR 20080071088 A 20080722

Abstract (en)
A noise silencer for construction equipment is used to minimize outward propagation of noises generated from an engine room (11). The noise silencer is mounted in air intake (18) and/or discharge openings (19) of an engine room, and includes a frame (12) mounted in the one of the air intake and discharge openings of the engine room, and noise damping members (15) fixed to the frame at uniform intervals, and each including a first member (13), which is disposed inside the engine room in a horizontal direction such that cooling air introduced from outside to inside of the engine room by operation of a cooling fan (20) smoothly flows, and a second member (14), which is integrally formed with the first member and is disposed outside the engine room so as to be inclined upwardly at a predetermined inclination.

IPC 8 full level
E02F 9/00 (2006.01); **E02F 9/08** (2006.01)

CPC (source: EP KR US)
E02F 9/00 (2013.01 - EP KR US); **E02F 9/0866** (2013.01 - EP US); **F01P 5/02** (2013.01 - KR); **F01P 11/10** (2013.01 - EP US); **F01P 11/12** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2148012 A1 20100127; CN 101644180 A 20100210; JP 2010024824 A 20100204; KR 20100010203 A 20100201; US 2010018798 A1 20100128

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