

Title (en)
EXHAUST GAS TREATMENT DEVICE FOR CONSTRUCTION MACHINE

Title (de)
ABGASBEHANDLUNGSVORRICHTUNG FÜR EINE BAUMASCHINE

Title (fr)
DISPOSITIF DE TRAITEMENT DES GAZ D'ÉCHAPPEMENT POUR ENGIN DE CHANTIER

Publication
EP 2660438 A4 20140514 (EN)

Application
EP 10861253 A 20101227

Priority
KR 2010009362 W 20101227

Abstract (en)
[origin: EP2660438A1] An exhaust gas treatment apparatus for a construction machine is provided, which is connected to a diesel particulate filter trap (DPF) to discharge exhaust gas from an engine to outside through the DPF. The exhaust gas treatment apparatus for a construction machine includes a tail pipe main body provided with a plurality of ventilation holes penetratingly formed on the tail pipe main body to allow the outside air to pass through the ventilation holes, and installed on an outlet of the DPF; an exhaust heat dissipation unit provided with a plurality of tubes which respectively communicate with the ventilation holes, and are installed in a horizontal direction of the tail pipe main body; and a plurality of exhaust holes located in a longitudinal direction of the tubes and penetratingly formed in an exhaust gas discharge direction.

IPC 8 full level
F01N 13/08 (2010.01); **E02F 9/00** (2006.01)

CPC (source: EP KR US)
E02F 9/00 (2013.01 - KR); **E02F 9/0866** (2013.01 - EP KR US); **F01N 3/021** (2013.01 - KR); **F01N 13/007** (2013.01 - KR);
F01N 13/08 (2013.01 - KR); **F01N 13/082** (2013.01 - EP KR US); **F01N 13/20** (2013.01 - KR); **F01N 3/021** (2013.01 - EP US);
F01N 2260/02 (2013.01 - KR); **F01N 2470/04** (2013.01 - EP KR US)

Citation (search report)
• [A] EP 2211038 A1 20100728 - VOLVO CONSTR EQUIP HOLDING SE [SE]
• [A] JP H11257045 A 19990921 - HITACHI CONSTRUCTION MACHINERY

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 10861253 A 20101227; CN 201080070861 A 20101227; JP 2013547273 A 20101227; KR 2010009362 W 20101227;
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