

Title (en)

DEVICE FOR OPTIMIZING THE TRANSMISSION OF HEAT IN A PIPE FOR CONVEYING EXHAUST GASES IN A HEAT EXCHANGE APPARATUS

Title (de)

VORRICHTUNG ZUR OPTIMIERUNG DER ÜBERTRAGUNG VON WÄRME IN EINEM ROHR FÜR DEN TRANSPORT VON ABGASEN IN EINER WÄRMETAUSCHERVORRICHTUNG

Title (fr)

DISPOSITIF PERMETTANT D'OPTIMISER LA TRANSMISSION DE CHALEUR DANS UN TUYAU POUR TRANSPORTER DES GAZ D'ÉCHAPPEMENT DANS UN APPAREIL D'ÉCHANGE THERMIQUE

Publication

EP 2635868 B1 20181024 (EN)

Application

EP 11740624 A 20110727

Priority

- IT MI20102048 A 20101104
- EP 2011062874 W 20110727

Abstract (en)

[origin: WO2012059250A1] A device (1) for optimizing the transmission of heat in a pipe (2) for conveying exhaust gases in a heat exchange apparatus, comprising a plurality of longitudinal fins (3; 5a, 5b, 5c, 5d, 5e; 6a, 6b, 6c, 6d, 6e) which extend in a substantially radial direction from a central core (4; 5a, 6a) and come into contact with the internal surface of the pipe.

IPC 8 full level

F28F 1/40 (2006.01); **F28F 13/06** (2006.01); **F28F 13/12** (2006.01)

CPC (source: EP)

F28F 1/40 (2013.01); **F28F 13/06** (2013.01); **F28F 13/12** (2013.01)

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)

WO 2012059250 A1 20120510; EP 2635868 A1 20130911; EP 2635868 B1 20181024; IT 1406668 B1 20140307; IT MI20102048 A1 20120505; PL 2635868 T3 20190430

DOCDB simple family (application)

EP 2011062874 W 20110727; EP 11740624 A 20110727; IT MI20102048 A 20101104; PL 11740624 T 20110727