

Title (en)
Heating device with a recuperator and an exhaust gas adaptor

Title (de)
Heizgerät mit Rekuperator und Abgasadapter

Title (fr)
Appareil de chauffage avec récupérateur et adaptateur de gaz de combustion

Publication
EP 2674675 B1 20160504 (DE)

Application
EP 13170551 A 20130605

Priority
DE 102012011980 A 20120616

Abstract (en)
[origin: EP2674675A1] The adapter (1) connects a heater exhaust gas pipe connector (6) with an exhaust gas inlet (7) of recuperator (4) and exhaust gas outlet (8) of recuperator with an adapter exhaust pipe connector (11), where direction of an opening of the heater exhaust gas pipe connector and direction of an opening of the adapter exhaust pipe connector form a right angle and lie in a plane perpendicular to a recuperator rear wall (9). The adapter possesses same extension from the inlet till to the adapter exhaust pipe connector.

IPC 8 full level
F23J 13/02 (2006.01); **F23J 13/04** (2006.01); **F23J 15/06** (2006.01); **F24H 8/00** (2006.01); **F28D 21/00** (2006.01)

CPC (source: EP)
F23J 13/025 (2013.01); **F23J 13/04** (2013.01); **F23J 15/06** (2013.01); **F28D 21/0007** (2013.01); **F23J 2211/101** (2013.01);
F23J 2213/203 (2013.01); **F24D 2200/18** (2013.01)

Cited by
WO2016066844A1

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

DOCDB simple family (publication)
EP 2674675 A1 20131218; EP 2674675 B1 20160504; DE 102012011980 A1 20131219; ES 2576003 T3 20160704

DOCDB simple family (application)
EP 13170551 A 20130605; DE 102012011980 A 20120616; ES 13170551 T 20130605