

Title (en)

HEATING APPARATUS FOR INTERNAL COMBUSTION ENGINE EXHAUST AFTERTREATMENT

Title (de)

HEIZVORRICHTUNG ZUR NACHBEHANDLUNG DES ABGASES AUS EINEM VERBRENNUNGSMOTOR

Title (fr)

APPAREIL DE CHAUFFAGE POUR POST-TRAITEMENT DE L'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2606207 A1 20130626 (EN)

Application

EP 11818819 A 20110819

Priority

- US 37560910 P 20100820
- US 2011048348 W 20110819

Abstract (en)

[origin: WO2012024551A1] A heating apparatus for engine exhaust includes a housing having an inlet for connection in an exhaust gas conduit to receive exhaust gas and an outlet for connection in an exhaust gas conduit to discharge exhaust gas, the housing defining an interior space, a burner unit mounted in the housing for combustion of a fuel in the interior space, and, a turbocompressor, including a turbine having an inlet to receive exhaust gas to drive the turbine and an outlet connected to the housing to discharge exhaust gas and a compressor driven by the turbine and having an inlet to receive ambient air and an outlet connect to deliver compressed air to the burner. The turbocompressor may be mounted on the housing upstream of the burner unit.

IPC 8 full level

F01N 3/00 (2006.01); **F01N 3/025** (2006.01); **F01N 3/20** (2006.01); **F02B 37/00** (2006.01); **F02B 37/18** (2006.01); **F02B 37/20** (2006.01)

CPC (source: EP US)

F01N 3/025 (2013.01 - EP US); **F01N 3/2033** (2013.01 - EP US); **F02B 37/004** (2013.01 - EP US); **F02B 37/18** (2013.01 - EP US); **F02B 37/20** (2013.01 - EP US); **F01N 2240/14** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

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