

Title (en)
EXHAUST GAS COOLING DEVICE

Title (de)
ABGASKÜHLVORRICHTUNG

Title (fr)
DISPOSITIF DE REFROIDISSEMENT DE GAZ D'ÉCHAPPEMENT

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Application
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Abstract (en)
The invention relates to an exhaust gas cooling device (1) for a large internal combustion engine and an internal combustion engine. The exhaust gas cooling device (1) comprises a precooling jet tube (2), an outflow tube (3) and an absorber unit (4). The absorber unit (4) has a height (h), a maximal width (w) and a maximal length (l), wherein the maximal length (l) is longer than the maximal width (w). The exhaust gas cooling device (1) further comprises an inflow deflector housing (6) tapering along the length (l) of the absorber unit (4) and fluidly connected with the precooling jet tube (2) and the absorber unit (4), and an outflow deflector housing (7) tapering along the length (l) of the absorber unit and fluidly connected with the absorber unit (4) and with the outflow tube (3).

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Citation (applicant)
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