

Title (en)
Heat exchanger having flat tubes

Title (de)
Wärmetauscher, bestehend aus Flachrohren

Title (fr)
Echangeur de chaleur avec tubes plats

Publication
EP 1626238 A1 20060215 (DE)

Application
EP 04019339 A 20040814

Priority
EP 04019339 A 20040814

Abstract (en)
An automotive exhaust system has a heat exchanger for recovery of effluent heat. The heat exchanger has an array of flat tubes (3) forming ducts (10) for hot exhaust gases and separated by a further array of ducts for a coolant. The flat tubes have a by-pass allowing for the passage of hot exhaust gases. Some of the flat tubes (3) are sub-divided into a cooled zone (11) and a non-cooled zone (12). The bypass is located in the non-cooled zone. Each pair of flat tubes (3) is separated by a duct (10).

IPC 8 full level
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Citation (applicant)
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Citation (search report)
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