

Title (en)

HEAT EXCHANGING UNIT FOR MOTOR VEHICLES

Title (de)

WÄRMETAUSCHEREINHEIT FÜR KRAFTFAHRZEUGE

Title (fr)

UNITE D'ECHANGE THERMIQUE POUR VEHICULES AUTOMOBILES

Publication

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Application

**EP 04764516 A 20040826**

Priority

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Abstract (en)

[origin: WO2005024332A1] The invention relates to a heat exchanging unit for motor vehicles, said unit comprising a first heat exchanger provided with two interspaced, essentially parallel headers that are fluidically interconnected by means of a plurality of parallel connecting tubes that are interspaced in the longitudinal direction of the headers. The connecting tubes asymmetrically end in the first header, in terms of the width of the bottom of the tube, that is perpendicular to the longitudinal axis of the first header, and the cross-section of the second wall section, viewed perpendicularly to the longitudinal axis of the header, increasingly tapers away from the first end of the bottom of the tube, on the side thereof running up to the second end region of the bottom of the tube, in the direction that is perpendicular to the longitudinal axis of the connecting tube and perpendicular to the longitudinal axis of the header.

IPC 8 full level

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