

Title (en)
HEAT-EXCHANGER UNIT, IN PARTICULAR FOR AN AIR-CONDITIONING CONDENSER

Title (de)
WÄRMETAUSCHEREINHEIT, IM BESONDEREN FÜR EINEN KLIMAAANLAGENKONDENSATOR

Title (fr)
BLOC D'ÉCHANGEUR DE CHALEUR, EN PARTICULIER POUR CONDENSEUR DE CLIMATISATION

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Application
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Abstract (en)
[origin: WO2010149452A1] The invention relates to a heat-exchanger unit which includes a bundle (12) consisting of an alternating stack of flat tubes (14) for circulating a first fluid (F1) and disruptors (16) for circulating a second fluid (F2) between the tubes, flat nozzles (18) in which the respective ends of the tubes (14) are inserted, each of said nozzles (18) being formed by mutually assembling two shells (20) having a bottom (22) in which at least one communication opening (24) is provided, so as to form two series of nozzles (18) at the respective ends of the bundle, the nozzles (18) of each series communicating with the others via the communication openings (24) thereof so as to form an inlet collecting box (26) and an outlet collecting box (28) for the first fluid (F1); and a housing (30) surrounding the bundle (12), said housing being provided with an inlet (48) and an outlet (50) for the first fluid (F1) and an inlet (52) and an outlet (54) for the second fluid (F2). The invention can be used in particular for air-conditioning condensers.

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