

Title (en)

PLASTIC HEAT EXCHANGER AND VEHICLE COMPRISING THIS EXCHANGER

Title (de)

WÄRMETAUSCHER AUS KUNSTSTOFF UND FAHRZEUG MIT DIESEM WÄRMETAUSCHER

Title (fr)

ÉCHANGEUR THERMIQUE EN MATIÈRE PLASTIQUE ET VÉHICULE COMPRENANT CET ÉCHANGEUR

Publication

EP 3452772 A1 20190313 (FR)

Application

EP 17725716 A 20170504

Priority

- FR 1654054 A 20160504
- FR 2017051073 W 20170504

Abstract (en)

[origin: WO2017191418A1] This exchanger (1), made of plastic, comprises stacked plates (6) spaced in such a manner as to define intermediary spaces (8) intended for the circulation of fluid between the plates (6). The plates (6) have an exterior side (62) and an opposite interior side (60) shaped to define an opening (18); the openings (18) form a fluid passageway across the stacked plates (6). The intermediary spaces (8) comprise closed and open intermediary spaces (80, 82) with a first radial opening (84) between the interior sides (60) of adjacent plates (6) and opening onto the fluid passageway, and a second radial opening (86) between the exterior sides (62) of adjacent plates (6). The first and second radial openings (84, 86) are in fluid communication to allow the circulation of fluid from the passageway toward the exterior of the exchanger (1), or inversely, and through each open intermediary space (82).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017191418A1

Cited by

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