

Title (en)

Heat exchangers.

Title (de)

Wärmeaustauscher.

Title (fr)

Echangeurs de chaleur.

Publication

EP 0235996 A1 19870909 (EN)

Application

EP 87301302 A 19870216

Priority

GB 8603896 A 19860217

Abstract (en)

A heat exchanger has first and second chambers (2a,2b) through which flow respectively donor and acceptor gases. Heat is transferred between the gases by solid bodies (10), which fill both chambers (2a,2b) and are continuously circulated between the chambers (2a,2b) via conduits (6) by drive means (8,54), located in at least one of the conduits (6). The chambers (2a,2b) may be disposed one above the other in which case the bodies (10) move from the upper (2a) to the lower chamber (2b) by gravity, and are returned by drive means (8). To reduce gas leakage between the chambers (2a,2b), finely divided particles may be mixed with the bodies (10) in the conduits (6).

IPC 1-7

F28D 19/02; B01J 8/38

IPC 8 full level

F28D 19/02 (2006.01)

CPC (source: EP)

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Citation (search report)

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