

Title (en)
DEVICE FOR TREATING WASH WATERS WITH ION-EXCHANGERS

Publication
EP 0063236 B1 19850619 (DE)

Application
EP 82101989 A 19820312

Priority
DE 3115010 A 19810414

Abstract (en)
[origin: US4773979A] A process is disclosed for purifying gases and liquids and/or for recovering particles contained or substances dissolved therein or for implementing other technological process procedures. Technological process procedures take place in exchangeable, mobile, individual vessels (1,2,3,4) chargeable with active known substances (for instance ion exchange resins) and/or provided with technological process assemblies (for instance mechanical filters), the vessels being mutually connected and forming a reaction column (7). The vessels (1,2,3,4) filled with the same or with different substances are passed by one medium or by several separate media partial streams (X,Y). In the case of several partial streams, the media partial streams (X,Y) always pass part of the vessels (1,2,3,4) or, after mixing, the resulting media mixture (X+Y) passes the other part of the vessels (1,2,3,4). At least two media partial streams (X,Y) with mutually different pressure and temperature levels can be treated in the reaction column (7).

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C02F 1/46

IPC 8 full level
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CPC (source: EP US)
C25D 21/22 (2013.01 - EP US)

Citation (examination)
EP 0021826 A2 19810107 - CHLORINE ENG CORP LTD [JP]

Cited by
US4855046A; DE102009009143A1

Designated contracting state (EPC)
AT CH FR GB IT LI NL SE

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EP 0063236 A1 19821027; **EP 0063236 B1 19850619**; AT E13867 T1 19850715; JP H0237208 B2 19900823; JP S57180429 A 19821106; US 4773979 A 19880927

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