

Title (en)

Apparatus for carrying out a physical and/or chemical process, such as a heat exchanger.

Title (de)

Vorrichtung zur Durchführung von physikalischen und/oder chemischen Verfahren, zum Beispiel ein Wärmetauscher.

Title (fr)

Dispositif pour la réalisation de procédés physiques et/ou chimiques, par exemple échangeur de chaleur.

Publication

**EP 0626550 A1 19941130 (EN)**

Application

**EP 94201509 A 19940527**

Priority

NL 9300915 A 19930527

Abstract (en)

An apparatus for carrying out a physical and/or chemical process, such as a heat exchanger, comprising a reservoir provided with upwardly-directed tubes, which tubes are in open communication with a top box and a bottom box, in which bottom box at least one distribution plate is arranged for supporting a fluidized bed consisting of granular material. The invention further comprises means for feeding fluidized bed particles back from the top box to the bottom box. At the bottom end, the bottom box is provided with a bottom pot (6) having a deepened bottom (9) for collecting thereon pollutions from the main flow fed via a feed line (5, 5A) laterally extending into the bottom pot (6), the collected pollutions being removable from the bottom pot (6) by means of a conduit system (10, 14) which discharges a portion of the main flow. <IMAGE>

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**F28D 13/00**; B01J 8/18

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**F28D 13/00** (2006.01)

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Citation (search report)

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- [A] FR 2253196 A1 19750627 - PIEPER GUSTAV [NL]
- [A] DE 4016043 A1 19911121 - KRUPP BUCKAU MASCHINENBAU GMBH [DE]
- [A] EP 0048049 A1 19820324 - ESMIL BV [NL]
- [DA] EP 0065333 A1 19821124 - ESMIL BV [NL]
- [A] PATENT ABSTRACTS OF JAPAN vol. 4, no. 114 (M - 26) 15 August 1980 (1980-08-15)

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