

Title (en)

ADSORBER FOR PURIFYING OR SEPARATING A GAS STREAM COMPRISING A REMOVABLE FILLING SYSTEM

Title (de)

ADSORBER ZUR REINIGUNG ODER TRENNUNG EINES GASSTROMES MIT ABNEHMBAREM FÜLLSYSTEM

Title (fr)

ADSORBEUR POUR L'ÉPURATION OU LA SÉPARATION D'UN FLUX GAZEUX COMPRENANT UN SYSTÈME DE REMPLISSAGE AMOVIBLE

Publication

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Application

EP 19710735 A 20190211

Priority

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Abstract (en)

[origin: WO2019162591A1] An adsorber for purifying or separating a gas stream, comprising a cylindrical shell (R), a lower domed end (F1), an upper domed end (F2) comprising a main orifice for filling with a granular material, with said orifice having an internal diameter Din, a granular material with a particle size ADN, a granular material with a particle size M and a filling system (A) removable from the shell made of granular material placed in the main filling orifice, characterized in that: the filling system (A) is composed of a cylinder that is perforated over all or part of the height thereof, of the upper end thereof having a diameter Dext and of the lower end thereof, the Din-Dext distance is strictly greater than twice the size of the particles of the material with a particle size M, the granular material with a particle size ADN and the granular material with a particle size M follow on from one another in the direction of circulation of the gas stream and are such that $M > ADN$, and the material with a particle size M is in contact with both at least one portion of the outer surface of the system (A) and at least one portion of the inner surface of the upper domed end (F2).

IPC 8 full level

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CPC (source: EP US)

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