

Title (en)

Process for drying aqueous solids in a fluidized bed

Title (de)

Verfahren zum Trocknen wasserhaltiger Feststoffe im Wirbelbett

Title (fr)

Procédé pour le séchage de solides aqueux dans un lit fluidisé

Publication

EP 0576053 B1 19960131 (DE)

Application

EP 93201455 A 19930521

Priority

DE 4220953 A 19920626

Abstract (en)

[origin: EP0576053A1] The fluidised bed (3), in which the water-containing solids are dried, is indirectly heated by means of at least one heat exchanger device (4). Water vapour-rich fumes are extracted from the fluidised bed (3), and a part of the fumes is passed as fluidising medium through the fluidised bed (3). The remaining fumes are cooled, to form a fume condensate. At least a part of the fume condensate is contacted directly in a purification zone (26) with a stripping medium in the form of gas or vapour. From the purification zone (26), a purified condensate and, separately from the latter, stripping medium containing impurities are drawn off. Preferably, steam is used as the stripping medium in the purification zone (26). <IMAGE>

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CPC (source: EP US)

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Cited by

BE1027675A1; US9944874B2; US10392575B2; US9835056B2; BE1027666A1; US9944875B2

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