

Title (en)

METHOD AND DEVICE FOR REGENERATING BULK MATERIAL THAT IS LOADED BY ADSORPTION AND/OR ABSORPTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUM THERMISCHEN REGENERIEREN VON ADSORPTIV UND/ODER ABSORPTIV BELADENEN SCHÜTTGÜTERN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE RÉGÉNÉRATION THERMIQUE DE MATIÈRES EN VRAC CHARGÉES PAR ADSORPTION ET/OU ABSORPTION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009138109A1] The invention relates to a method for thermally regenerating bulk material that is loaded by absorption and/or adsorption, whereby the bulk material substantially flows through a multi-stage closed regeneration reactor from the top to the bottom in such a manner that the bulk material is introduced into the regeneration reactor, is guided in a heating stage through indirectly heated regeneration conduits while being heated, is optionally guided through a main or supplementary degassing stage, is guided in a cooling stage through indirectly cooled cooling conduits while being cooled and is then withdrawn from the regeneration reactor, at least one contact gas being used to indirectly heat and/or cool the bulk material, said contact gas flowing through the regeneration conduits filled with the bulk material and/or through the cooling conduits filled with the bulk material in the interior of the conduit.

IPC 8 full level

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Citation (search report)

See references of WO 2009138109A1

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