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UNITÉ DE PURIFICATION

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Application
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Abstract (en)
[origin: WO2016004956A2] Method for separating a combined material where said material at least comprises gypsum and paper, where said combined material (in a step a) is led into a first wind sifter in which wind sifter a first upwards airflow is regulated such that a first fraction comprising heavier particles of the material falls to the bottom of the wind sifter and are evacuated through a bottom outlet, whereas a second fraction comprising lighter particles and paper is evacuated through an upper outlet; b) wherein the second fraction (evacuated from the upper outlet) is introduced into a second wind sifter, where a second upwards airflow, said second upwards airflow being slower than the first upwards airflow, is regulated such that paper and any heavier particles fall to the bottom of said second wind sifter, where the paper and any heavier particles are extracted as a third fraction from the second wind sifter, and transferred to) a cleaning unit, in which unit the paper is cleaned from any loose or adhering particles, gypsum or other matter, after which cleaning process the cleaned paper is transferred to further processing, and the loose or adhering particles, gypsum or other matter, as well as any heavier particles are collected separately.

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