

Title (en)
DEVICE AND METHOD FOR SIFTING A MATERIAL MIXTURE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR SICHTUNG EINES MATERIALIEN-GEMISCHES

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR TRIER UN MÉLANGE DE MATIÈRES

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Abstract (en)
[origin: WO2021121664A1] The invention relates to a device for sifting a material mixture (M) consisting of multiple materials (M1-M4) or multiple material groups, wherein the device (1) comprises a first transport unit (10) into which the material mixture (M) to be sifted can be deposited by a supply device (2), and a second transport unit (20) arranged downstream in a transport direction of the material mixture (M) and spaced apart from the first transport unit (10), wherein a first chute (100a) is provided between the first transport unit (10) and the second transport unit (20), via which a first material (M1) or a first material group with a first fluid resistance can be separated from the material mixture (M). According to the invention, the device (1) comprises at least one third transport unit (30) arranged downstream of the second transport unit (20) in the transport direction of the material mixture (M) and spaced apart from same, such that a transit route (101) for the materials (M2, M3, M4) or material mixtures is formed between the second transport unit (20) and the third transport unit (30), and such that a second chute (100b) is provided between the second and the third transport unit (20, 30), via which at least the second material (M2) or the second material group with a second fluid resistance can be separated from the material mixture (M), and such that the third transport unit (30) is designed so that material can pass through and/or a fluid flow (S3; S3', S3'') can pass through.

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