

Title (en)  
APPARATUS AND METHOD FOR CLASSIFYING POLYDISPERSE MATERIALS

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR KLASSIERUNG VON POLYDISPERSEM AUFGABEGUT

Title (fr)  
DISPOSITIF ET PROCEDE POUR LA CLASSIFICATION DE MATERIAUX POLYDISPERSES

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Application  
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Abstract (en)  
[origin: WO2014053295A1] A method for separating polydisperse feedstock (1) into at least one fine material (2) and at least one coarse material (3), according to which method feedstock (1) is placed on a conveying surface (5) of at least one separator (6), said conveying surface having openings (4), and the feedstock (1) is conveyed in a conveying direction (17) on the conveying surface (5) during simultaneously movement of same for the purposes of redistributing and breaking up the material being conveyed (1). At the same time, a portion of the feedstock (1) is conveyed through the openings (4) onto a side (12) of the at least one separator (6) opposite the conveying surface (5) and the fine material (2) obtained in this way and the coarse material (3) remaining on the conveying surface (5) are each transported onwards separately from the other. According to the invention, the conveying of a portion of the feedstock (1) through the openings (4) is supported by generation of a pressure difference along the longitudinal axes (15) of the openings (4).

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