

Title (en)  
DEVICE AND METHOD FOR SEPARATING MATERIAL COMPOSITES

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR AUFTRENNUNG VON MATERIALVERBUNDEN

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE SÉPARATION DE MATIÈRES COMPOSITES

Publication  
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Application  
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Abstract (en)  
[origin: WO2018189369A1] The present invention relates to a device (1) at least for separating material composites (5) to be disposed of, said material composites being made of at least two material fractions (51, 52, 53) differing in the material properties thereof, and to a method for separating such material composites (5), characterized in that the dispensing device (4) comprises, at least in some sections in the region of the upper cover plate (23), a shell-shaped dispensing channel (41), which has at least one opening (414) toward the impact chamber (2), and a dispensing means (42), which is arranged in the dispensing channel (41) and which is designed to receive material fractions of the second type (52) from the region of the impact chamber (2) above the first separating screen (441) and/or near the upper cover plate (23). The device according to the invention and the method advantageously allow individual material fractions (51, 52, 53) of a material composite (5), preferably a material fraction (52) of a second type that should be comminuted the least and preferably also has a smaller density than a first material fraction (51), to be separated in bigger pieces from the remaining material, by means of which the transport of said individual material fractions and the further processing as part of raw material recovery can be facilitated.

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