

Title (en)
SEPARATOR AND METHOD OF OPERATION

Title (de)
TRENNVORRICHTUNG UND BETRIEBSVERFAHREN

Title (fr)
DISPOSITIF DE SÉPARATION ET PROCÉDÉ DE FONCTIONNEMENT

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Abstract (en)
[origin: CA3145588A1] The device (1), which serves to separate particles of a bulk material, which is deliverable at an input location and is removable processed in different or at least approximately unitary particle sizes at an output location, comprises at least one separating element (3), which has a metal separating plate (31) with through-openings (30) provided therein, which separating element (3) can be provided with ultrasonic energy and for this purpose is connected to an ultrasonic transducer (6) and which is held by a holding device (2). According to the invention, the holding device (2) is a mounting shaft (2), which is held at one end or at both ends fixedly or movably, in particular rotatably and/or axially displaceable, and which at one end or at both ends is connected to an ultrasonic transducer, by means of which ultrasonic energy is couplable via the mounting shaft (2) into the separating element (3), which is designed to be dimensionally stable.

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