

Title (en)  
COMMINUTING APPARATUS FOR RECYCLING OF SECONDARY RAW MATERIALS FROM DISPOSED STUFF AND METHOD OF CONTROL THEREFOR

Title (de)  
ZERKLEINERUNGSVORRICHTUNG ZUR RÜCKGEWINNUNG VON SEKUNDÄRROHSTOFFEN AUS ENTSORGTEM MATERIAL SOWIE VERFAHREN ZU DEREN STEUERUNG

Title (fr)  
DISPOSITIF DE BROyage POUR RÉCUPÉRATION DE MATIÈRES SECONDAIRES D'UN MATÉRIAU MIS AU REBUT ET PROCÉDÉ DE COMMANDE DUDIT DISPOSITIF

Publication  
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Application  
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Abstract (en)  
[origin: WO2016124618A1] The invention relates to a comminuting device (1) for reclaiming secondary raw materials (99) from discarded material (90), comprising the following: a first comminuting stage (10) with a supply channel (50) for supplying the discarded material (90) to a first housing (11) with a rotating impact tool (12) for comminuting the discarded material (90) into an impact-comminuted material fraction (91) and for generating an air vortex which passes the impact-comminuted material fractions (91) from the first comminuting stage (10) between the walls of a double-walled second housing (21) of a second comminuting stage (20) mounted downstream of the first comminuting stage (10), wherein the double-walled housing (21) of the second comminuting stage (20) is provided with a first screen on the outer wall (22) and a second screen on the inner wall (23), and finely comminuted material fractions (92, 93) reach a collection chamber (42, 43) mounted downstream of each screen through the corresponding screen. Advantageously, the permeability through the screens arranged on the double-walled housing (21) and the throughput are increased in the second comminuting stage. An embodiment for obtaining different grain size distributions using different screen arrangements is particularly preferred.

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