

Title (en)

APPARATUS AND METHOD FOR SIFTING FEEDSTOCK INCLUDING GRINDING MILL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SICHTEN VON AUFGABEGUT UND MAHLANLAGE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SÉPARATION D'UNE MATIÈRE D'ALIMENTATION ET L'INSTALLATION DE BROUAGE

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Application

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Abstract (en)

[origin: WO2008135558A2] The invention relates to an apparatus for sifting feedstock, comprising: a. a static sifter that has a ventilated bottom which is oriented at an angle to the vertical and is penetrated by sifting gas; b. an inlet for feeding the feedstock to the ventilated bottom; c. an outlet for the coarse material; d. a dynamic sifter that is mounted downstream and encompasses at least one rotor with rotor blades and a horizontal rotor axis; e. at least one outlet for the sifting gas loaded with fine material; and f. a housing inside which the static and the dynamic sifter are arranged. The housing area surrounding the dynamic sifter is designed as a housing spiral such that the sifting gas flows against the rotor in a substantially tangential direction. The rotor rotates counter to the direction of flow of the sifting gas in the housing spiral.

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