

Title (en)  
DEVICE FOR CLASSIFYING GRAINY PRODUCTS

Title (de)  
VORRICHTUNG ZUM SICHTEN VON KÖRNIGEM GUT

Title (fr)  
DISPOSITIF POUR SEPARER DES PRODUITS GRANULEUX

Publication  
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Application  
**EP 12790561 A 20121123**

Priority  
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• EP 2012073513 W 20121123

Abstract (en)  
[origin: WO2013079416A1] The invention relates to a device (1) for sifting granular material into at least three fractions, comprising at least one static sifter (2) forming a first sifting stage and at least one dynamic sifter (3) forming a second sifting stage, wherein the static sifter (2) has several impact installations and conducting installations (8, 9) arranged one below the other in the manner of stairs in a sifter housing (4) having a first material inlet (5), a sifting gas inlet (6), and a coarse material outlet (7), wherein the dynamic sifter (3) is designed as a rod basket sifter having a rotary rod basket (12) and has a sifter housing (11) having at least one medium material outlet (17) and one fine material outlet (18). The static sifter (2) is directly connected laterally to the second sifter housing (11) of the dynamic sifter (3) by means of the sifter housing (4) of the static sifter, which sifter housing is arranged, for example, in the manner of a shaft and at an angle to the vertical, and the static shifter transitions into the second shifter housing. The rod basket (12) of the dynamic sifter (3) rotates about a vertical axis (14).

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