

Title (en)

SIFTING APPARATUS TO SELECT MATERIALS HAVING DIFFERENT SIZES

Title (de)

SIEBGERÄT ZUR AUSWAHL VON MATERIALIEN MIT VERSCHIEDENEN GRÖSSEN

Title (fr)

APPAREIL DE CRIBLAGE PERMETTANT DE SÉLECTIONNER DES MATÉRIAUX DE TAILLES DIFFÉRENTES

Publication

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Application

**EP 11720858 A 20110330**

Priority

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- IB 2011000676 W 20110330

Abstract (en)

[origin: WO2011121426A2] Sifting apparatus to select materials (M) having different sizes, comprising a separation chamber (12) into which the materials (M) are able to be inserted, a plurality of sifting rollers (13, 14) mounted rotatable on axes of rotation parallel to each other and lying substantially on the same plane as the separation chamber (12), and a rotary motor member (38). It also comprises a transmission device (31) able to transform the rotation of the rotary motor member (38) into an alternating rotational motion of the sifting rollers (13, 14), in a clockwise and anti-clockwise direction, of an amplitude ( $\beta$ ) of less than  $360^\circ$ , so that the rotation of each sifting roller (13, 14) occurs in the opposite direction to that of the adjacent sifting roller (14, 13), in order to allow the materials to advance inside the separation chamber (12).

IPC 8 full level

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