Title (en)

INSTALLATION AND PROCESS FOR SORTING HEAVY MATERIALS, IN PARTICULAR STONES OR THE LIKE FROM CEREALS OR OTHER BULK PRODUCTS

Publication

EP 0182831 B1 19880817 (DE)

Application

EP 85902511 A 19850508

Priority

CH 224084 A 19840508

Abstract (en)

[origin: WO8505050A1] In an installation for sorting heavy materials, in particular stones from cereals and other bulk products two superimposed, sloping vibratory tables (1, 2) are used, penetrated by the same air and having a common drive (30), with a product input (6) being located on the upper oscillating table (2). The lower oscillating table (1) is a stone sorting table, whereas the upper oscillating table (2) serves continually as for depositing the layer and comprises, only at its lower end, a short area (11) for the passage of the layer enriched with heavy material, and an outlet (19) on the lower oscillating table (1). The outlet (19) is directed towards a middle region (B) of the lower oscillating table (1). The product deposited through the product inlet (6) on the upper oscillating table (2) is deposited in a layer over the entire length of the latter and, at its lower extremity, between 20% and 80% of the product flow is removed with the heavy product and finally released in the form of a fog-like product fed onto the middle area (B) of the lower oscillating table (1).

IPC 1-7

B03B 4/00; B07B 9/02

IPC 8 full level

B07B 9/02 (2006.01); **B03B 4/00** (2006.01); **B03B 4/02** (2006.01); **B07B 4/08** (2006.01)

CPC (source: EP KR US)

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Citation (examination)

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