

Title (en)

AIR JIG HAVING A PRESSURE-MEASURING DEVICE

Title (de)

LUFTSETZMASCHINE MIT EINER DRUCKMESSEINRICHTUNG

Title (fr)

CRIBLEUR PNEUMATIQUE DOTÉ D'UN DISPOSITIF DE MESURE DE PRESSION

Publication

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Application

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Abstract (en)

[origin: WO2020151931A1] The present invention relates to an air jig for the dry processing of raw materials, in particular coal, comprising: at least one material-feeding device (1); at least one jigging-material carrier (2), which is provided with openings; an air funnel (3), which is arranged below the jigging-material carrier (2) and by means of which an air flow can be fed as working air (4) to the jigging-material carrier, which working air is composed of a partial flow constantly flowing through the jigging-material carrier (2) and a pulsing partial flow superposed thereon, such that the working air (4) can flow through the material fed onto the jigging-material carrier (2) and said material can be stratified into a heavy material layer (5) acting as a jig bed and into a light material layer (6) lying thereon; and a discharge device (7) for the heavy material and light material stratified on the jigging-material carrier (2) during the jigging process.

IPC 8 full level

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