

Title (en)

DISC SCREEN, AND MATERIAL ENTANGLEMENT PREVENTION MEANS TO BE INSTALLED IN DISC SCREEN

Title (de)

SCHEIBENSIEB UND MATERIAL VORRICHTUNG ZUR VERMEIDUNG VON MATERIALVERFLECHTUNG ZUM EINBAU IN EIN SCHEIBENSIEB

Title (fr)

TAMIS À DISQUE ET MOYENS DE PRÉVENTION D'ENCHEVÊTREMENT DE MATIÈRE À INSTALLER DANS UN TAMIS À DISQUE

Publication

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Application

**EP 16863729 A 20161107**

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Abstract (en)

[origin: WO2017081365A1] The invention relates to a disc screen for dividing a flow of material into several particle sizes, the disc screen comprising a body (1); a plurality of parallel axles (2) spaced apart from one another and arranged rotatably in the body (1); an actuator (3) for rotating the axles; a plurality of screen discs (4) spaced apart from one another and arranged fixedly on the axles (2), the screen discs (4) of one axle (2) being axially offset with respect to the screen discs of an adjacent axle; a plurality of material entanglement prevention means (5) arranged between the screen discs (4); the entanglement prevention means (5) comprising an inner sleeve (6) placed on the axle (2) non-rotatably with respect thereto; an outer sleeve arrangement (7) freely rotatably arranged on the inner sleeve (6); and a stabilization arrangement (8) arranged in the outer sleeve arrangement (7) for preventing the outer sleeve arrangement (7) from rotating along with the axle (2) and the inner sleeve (6), the stabilization arrangement comprising a weight (8) arranged in a selected sector on an outer surface of the outer sleeve arrangement (7). The invention separately also relates to this entanglement prevention means.

IPC 8 full level

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