

Title (en)
APPARATUS FOR SCREENING FIBRE SUSPENSIONS

Title (de)
VORRICHTUNG ZUM SCREENING VON FASERSUSPENSIONEN

Title (fr)
APPAREIL DE CLASSAGE DE SUSPENSIONS FIBREUSES

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Application
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Abstract (en)
[origin: WO2011004060A1] The present invention relates to a screen for fiber suspension, especially for removing coarse particles, said screen comprising a casing (1), conduits (2, 3, 4) connected thereto for fiber suspension to be fed into the apparatus and for reject and accept being discharged, a drum (5) arranged inside the housing and rotating with respect to its vertical axis, the screening surface of said drum being provided with apertures (21) through which the accept fraction flows. The feed and outlet conduits are arranged so that the fiber suspension is fed into a space (8) between the casing and the screen drum and the accept is discharged from the interior of the screen drum. The apertures in the screening surface are slots, the longitudinal direction of which with respect to the direction of rotation (24) of the drum being between -40 degrees and + 40 degrees and the ratio of the length and the width being 1.05-10. The slots form rows (11) of slots and the outer side of the screening surface is profiled such that ridges (22) are provided between the rows of slots.

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