

Title (en)
Screen apparatus

Title (de)
Siebvorrichtung

Title (fr)
Appareil de tamisage

Publication
EP 1882773 B1 20111228 (EN)

Application
EP 07112515 A 20070716

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Abstract (en)
[origin: EP1882773A1] This invention provides a screen apparatus having an enhanced capacity for separating foreign matter from fibers of an acceptable quality in paper-making material. The screen apparatus S comprises: a sealed casing 1 having a paper-making material supply port 1a, a refined paper-making material discharge port 1b positioned above the paper-making material supply port 1a and a foreign matter discharge port 1c positioned above the refined paper-making material discharge port 1b; a screen 2 for dividing the interior of the sealed casing 1 into a first chamber 1A and a second chamber 1B and for separating foreign matter in the paper-making material, the screen being of cylindrical shape with end portions both open, the screen having circular holes or slit-like openings on a side face thereof and which screen is stood within the sealed casing 1 in such a way that a direction of height thereof faces a vertical direction; a rotor 7 disposed inside the screen 2 within the first chamber 1A and having an agitating member 7a for agitating the paper-making material within the sealed casing 1; and a water supply passage 10 mounted onto the sealed casing 1 so that a water spouting port 10a opposes the top end face 7T of the rotor 7.

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D21D 5/02 (2006.01)

CPC (source: EP KR US)
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