

Title (en)
Straining apparatus.

Title (de)
Sortierer.

Title (fr)
Dispositif épurateur.

Publication
EP 0410102 B1 19940803 (DE)

Application
EP 90109711 A 19900522

Priority
DE 3925020 A 19890728

Abstract (en)
[origin: JPH0364591A] PURPOSE: To improve the operation efficiency of a sorter while applying only a slight stress on a screen basket by placing a rotor having a specific shape in a screen basket having rotational symmetry. CONSTITUTION: The rotor 2 coaxially placed in a screen basket 1 has a cross-sectional shape composed of arch sections having a radius R_r and connected with each other through straight lines or outwardly concave curves. The difference of R_r and the inner radius R_s of the basket is f_{max} in the case of straight line and $1.15 f_{max}$ in the case of a curve. The minimum gap f_{min} between the rotor and the screen basket is 15-45 mm, $f_{max} - f_{min} = e \leq 60$ mm, $e/(1 - \cos(a))$ is 5-100 mm and (a) is 360 deg./ $2n$ ((n) is the number of arch sections on each cross-section of the rotor).

IPC 1-7
D21D 5/02

IPC 8 full level
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