

Title (en)
Tumbling apparatus.

Title (de)
Scheuertrommel.

Title (fr)
Tonneau de polissage.

Publication
EP 0186357 A2 19860702 (EN)

Application
EP 85308900 A 19851206

Priority
• US 68512184 A 19841221
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Abstract (en)
A vibratory material handling apparatus is provided for mixing of materials, cleaning, blending and/or shake-out of castings or the like. The machine comprises a horizontal container carried by a frame resiliently mounted on a foundation. A vibration generator is carried by the container and produces a line of force along an axis which passes exteriorly of the container or intersects with the container but offset from the center of gravity of the container. The vibration generator is adjustable on the container so that the direction of the line of vibratory force can be changed for changing the tumbling, mixing, cleaning, blending or shake-out characteristics of the machine. The relative movement between the inside of the container and the material in the container describes angles of attack with the container surface which movements are rotational about a center of rotation. A line from the center of rotation through the center of gravity of the container intersects the line of force from the vibration generator at a substantially right angle.

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CPC (source: EP)
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