

Title (en)
SEPARATION OF SOLID PARTICULATE MATERIALS FROM FLUID STREAMS

Title (de)
ABSCHIEDUNG FESTER TEILCHEN AUS FLUIDSTRÖMEN

Title (fr)
SEPARATION DE MATIERES PARTICULAIRES SOLIDES D'ECOULEMENTS DE FLUIDES

Publication
EP 1027130 A1 20000816 (EN)

Application
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Abstract (en)
[origin: WO9922844A1] A method of separating particulate material from a fluid stream comprises rotating in the fluid stream (10) a perforated barrier (1) which permits the fluid to pass through it, the axis of rotation of the barrier projecting into the fluid stream, and the front surface of the perforated barrier being substantially normal to the streamlines in a major part of the incoming flow at the points where the flow meets the barrier, particles (2) colliding with the barrier being in consequence imparted with kinetic energy in a tangential direction so that they travel towards the periphery of the perforated barrier entrained in a diverted portion of the fluid stream (6).

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