

Title (en)
BAR SCREEN

Publication
EP 0265421 A3 19890118 (DE)

Application
EP 87890236 A 19871023

Priority
AT 284186 A 19861024

Abstract (en)
[origin: EP0265421A2] In a bar screen with freely projecting approximately parallel bars (1) fixed on one side in a carrier (3), the screen passage being determined by the clear distance between the bars (1) and the screen overflow coming out of the free end (2) of the bars (1), the carrier (3) is mounted rotatably and, in the region of its circumference, carries the bars which extend approximately in the direction of the axis of rotation (4). The carrier (3) is designed as a hollow cylinder and at one end has a feed orifice for the screen material and at the other end is connected openly to the space enclosed by the bars. The bars (1) are connected to the carrier (3) along a circle and describe a circular cylinder. As a result of the rotation of the bar screen and an inclination of the axis (4) of the latter which extends downwards in the direction of the free bar ends (2), the screen material is conveyed further. The screen passages fall through between the bars (1) and in the region of the free bar ends (2) the larger screen material arrives at the screen overflow. <IMAGE>

IPC 1-7
B07B 1/22

IPC 8 full level
B07B 1/22 (2006.01); **B07B 9/00** (2006.01)

CPC (source: EP)
B07B 1/22 (2013.01); **B07B 9/00** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0265421 A2 19880427; EP 0265421 A3 19890118; AT 386764 B 19881010; AT A284186 A 19880315

DOCDB simple family (application)
EP 87890236 A 19871023; AT 284186 A 19861024