

Title (en)
DISPERSION PROCESS, AND STIRRING MACHINE FOR ITS IMPLEMENTATION

Publication
EP 0214145 B1 19890118 (DE)

Application
EP 85904973 A 19851009

Priority
DE 3437866 A 19841016

Abstract (en)
[origin: WO8602286A1] A dispersion process in which a material to be ground, consisting of solids and of a liquid phase is conveyed through an agitator (1) containing grinding elements. Energy is fed into the agitator by rotating rotors (2) and the solids are broken up and wetted by the liquid phase, whereby the rotors (2) turn at such a high speed that the grinding elements, which are moved by the latter, produce on the inner wall of the agitator (1) an accumulation (10) of grinding elements which rotates, whereby, in the centre of this accumulation (10) a space that is essentially free of grinding elements is produced, and the grinding material is fed radially (3) to the agitator, and the accumulation (10) of grinding elements flows through radially in such a way that in relation to the grinding elements a centrifugal fluidized bed is created, the removal from the space free of grinding elements being effected by a grinding element separation device (4).

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IPC 8 full level
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CPC (source: EP US)
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Cited by
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DE 3437866 A1 19860417; BR 8507233 A 19871027; CA 1272174 A 19900731; DE 3567584 D1 19890223; EP 0214145 A1 19870318; EP 0214145 B1 19890118; ES 547946 A0 19870216; ES 8703296 A1 19870216; JP H0261298 B2 19901219; JP H0342052 A 19910222; JP H089017 B2 19960131; JP S62500503 A 19870305; US 5011089 A 19910430; WO 8602286 A1 19860424; ZA 857434 B 19860528

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