

Title (en)
Concurrent cyclone mixer-separator and its applications.

Title (de)
Gleichstrom zyklonische Abtrennvorrichtung und ihre Anwendungen.

Title (fr)
Mélangeur-séparateur cyclonique à co-courant et ses applications.

Publication
EP 0461004 B1 19950830 (FR)

Application
EP 91401389 A 19910529

Priority
FR 9006938 A 19900605

Abstract (en)
[origin: EP0461004A1] Separator permitting separation of a light phase L1 contained in a mixture M1 which also comprises a dense phase D1 comprising downstream, in the direction of circulation of the dense phase D1, of the region of the internal inlet (3) of the inner chamber, means (6) limiting the progression of the light phase L1 to the outside of the said inner chamber. The mixture M1 is introduced at (1) and the dense phase D1 is recovered at (9) and the light phase at (4). This apparatus permits the rapid separation, from a mixture M1, comprising a dense phase and a light phase, of the said dense phase from the said light phase, for example the separation of the solid from a gas. <IMAGE>

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IPC 8 full level
B04C 3/00 (2006.01); **B04C 3/02** (2006.01); **B04C 3/06** (2006.01); **B04C 7/00** (2006.01)

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EP 0461004 A1 19911211; **EP 0461004 B1 19950830**; CA 2043880 A1 19911206; CA 2043880 C 20010724; DE 69112498 D1 19951005; DE 69112498 T2 19960314; ES 2079596 T3 19960116; FR 2662619 A1 19911206; FR 2662619 B1 19930205; JP 3362259 B2 20030107; JP H04227868 A 19920817; US 5186836 A 19930216

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