

Title (en)  
Flotation cell with an injector

Title (de)  
Flotationszelle mit einem Injektor

Title (fr)  
Cellule de flottation avec un injecteur

Publication  
**EP 0622122 B1 19970604 (DE)**

Application  
**EP 94103560 A 19940309**

Priority  
DE 4309918 A 19930326

Abstract (en)  
[origin: US5465848A] A flotation cell with at least one injector for introducing a fluid and aspirating air therethrough has a multi-hole aperture plate. Premixing tube sections are disposed in the injector downstream from the aperture plate at a distance from the plate of at least 0.1 times the diameter of a hole in the aperture plate. The tube sections are oriented perpendicular to the aperture plate and open into a mixing tube.

IPC 1-7  
**B03D 1/14**

IPC 8 full level  
**B01D 17/035** (2006.01); **B01F 3/04** (2006.01); **B01F 5/04** (2006.01); **B01F 5/06** (2006.01); **B03D 1/24** (2006.01)

CPC (source: EP KR US)  
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Cited by  
EP1350888B2

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AT FR GB IT

DOCDB simple family (publication)  
**US 5465848 A 19951114**; AT E153881 T1 19970615; BR 9400883 A 19941101; CA 2119936 A1 19940927; CA 2119936 C 19990427; DE 4309918 A1 19930819; DE 4309918 C2 19940915; EP 0622122 A1 19941102; EP 0622122 B1 19970604; FI 113748 B 20040615; FI 941411 A0 19940325; FI 941411 A 19940927; JP 3423404 B2 20030707; JP H07856 A 19950106; KR 940021110 A 19941017; NO 301968 B1 19980105; NO 941113 D0 19940325; NO 941113 L 19940927; TW 237390 B 19950101

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