

Title (en)
DEVICE FOR PNEUMATIC FLOTATION

Publication
EP 0514800 A3 19950222 (DE)

Application
EP 92108321 A 19920516

Priority
DE 4116645 A 19910522

Abstract (en)
[origin: EP0514800A2] In a device for pneumatic flotation, the gas-treated sediment is conducted via a pipe (16) into the bottom region of the separation cell (10) to a pressure build-up nozzle (19), which as a result of its reduction in cross-section builds up a defined pressure in the gas-treated sediment, which leads to a reduction in size of the gas bubbles. The sediment under elevated pressure is then, prior to entry into the separation vessel, expanded in a pressure reduction chamber (21) which is furnished with sediment outlet nozzles (22). <IMAGE>

IPC 1-7
B03D 1/24

IPC 8 full level
B03D 1/24 (2006.01)

CPC (source: EP)
B03D 1/028 (2013.01); **B03D 1/1412** (2013.01); **B03D 1/1431** (2013.01); **B03D 1/1456** (2013.01); **B03D 1/1462** (2013.01); **B03D 1/24** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE DE ES GB IT NL

DOCDB simple family (publication)
EP 0514800 A2 19921125; EP 0514800 A3 19950222; EP 0514800 B1 19960731; AT E140882 T1 19960815; CS 154592 A3 19921216; DE 4116645 A1 19921126; DE 59206835 D1 19960905; ES 2090409 T3 19961016; HU 211098 B 19951030; HU 9201693 D0 19920828; HU T62827 A 19930628; PL 167874 B1 19951130; PL 294649 A1 19930125

DOCDB simple family (application)
EP 92108321 A 19920516; AT 92108321 T 19920516; CS 154592 A 19920522; DE 4116645 A 19910522; DE 59206835 T 19920516; ES 92108321 T 19920516; HU 9201693 A 19920521; PL 29464992 A 19920522