

Title (en)
Hydrocyclone

Title (de)
Hydrozyklon

Title (fr)
Hydrocyclone

Publication
EP 0616853 B1 19971022 (DE)

Application
EP 94103498 A 19940308

Priority
DE 4309920 A 19930326

Abstract (en)
[origin: US5466372A] A wet cyclone having a slender body with a truncated cone at an end thereof includes a heavy fraction outlet at an apex of the truncated cone and an immersion tube on the other end of the body. The immersion tube is cylindrical for withdrawal of a light non-gaseous fraction. A diffuser within the immersion tube deflects the flow within the tube for recovery of pressure head. The diffuser is disposed at a distance from the inlet end of the immersion tube of at least about half the inside diameter of the immersion tube.

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B04C 5/12

IPC 8 full level
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CPC (source: EP KR US)
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Cited by
KR101159555B1; FR2874315A1; US7410535B2; US7637991B2; WO2005110608A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 5466372 A 19951114; AT E159434 T1 19971115; BR 9400884 A 19941108; DE 4309920 A1 19930826; DE 59404379 D1 19971127;
EP 0616853 A1 19940928; EP 0616853 B1 19971022; FI 941416 A0 19940325; FI 941416 A 19940927; JP H07864 A 19950106;
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