

Title (en)
CYCLONE, ESPECIALLY FOR MULTI-STAGE HEAT EXCHANGER

Publication
EP 0039767 B1 19850206 (DE)

Application
EP 81102125 A 19810320

Priority
DE 3018519 A 19800514

Abstract (en)
[origin: US4344783A] A cyclone intended in particular for multistage heat exchangers, the inlet of which communicates with several partial spirals lying one above the other and having different lengths decreasing in the downward direction. A cyclone of this type is distinguished by a considerably reduced overall volume and weight for substantially the same pressure loss and degree of separation.

IPC 1-7
B04C 5/081; **F28C 3/12**

IPC 8 full level
B04C 5/02 (2006.01); **B04C 5/08** (2006.01); **B04C 5/081** (2006.01); **F28C 3/12** (2006.01)

CPC (source: EP KR US)
B04C 5/081 (2013.01 - EP US); **F28C 3/12** (2013.01 - EP US); **F28D 7/00** (2013.01 - KR); **F28D 7/02** (2013.01 - KR); **F28D 7/04** (2013.01 - KR)

Cited by
US5437794A; GB2341124A; GB2341124B; US6494929B2; WO9310908A1

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0039767 A2 19811118; **EP 0039767 A3 19820915**; **EP 0039767 B1 19850206**; BR 8102980 A 19820202; DE 3018519 A1 19811119; DE 3168718 D1 19850321; DK 215481 A 19811115; ES 272448 U 19840201; ES 272448 Y 19840901; IN 155716 B 19850223; JP S5710363 A 19820119; JP S5895251 U 19830628; JP S5916134 Y2 19840512; KR 830005551 A 19830820; US 4344783 A 19820817; ZA 812693 B 19820630

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