

Title (en)
CYCLONE SEPARATOR

Title (de)
ZYKLONSICHTER

Title (fr)
SEPARATEUR A CYCLONE

Publication
EP 0782477 A1 19970709 (DE)

Application
EP 95924790 A 19950726

Priority
• AT 9500154 W 19950726
• DE 4434038 A 19940923

Abstract (en)
[origin: DE4434038A1] The cyclone separator has a casing (1) surrounding a dynamically balanced separation chamber (2) and a device (3, 4) for supplying air and possibly material to be separated into the separation chamber (2) and opening tangentially into it. The cyclone separator also has an outlet (19) for coarse material and an immersion pipe (9) to remove the separation air with fine material. The air supply device takes the form of two channels (3, 4) running spirally around the main axis (16) of the cyclone separator and opening into the separation chamber (2).

IPC 1-7
B04C 5/04; **B04C 3/06**; **B04C 9/00**; **B07B 7/083**

IPC 8 full level
B04C 3/06 (2006.01); **B04C 5/04** (2006.01); **B04C 5/103** (2006.01); **B04C 9/00** (2006.01); **B07B 7/083** (2006.01)

CPC (source: EP)
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DE FR IT

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