

Title (en)
CYCLONE SEPARATOR

Title (de)
WINDSICHTER

Title (fr)
SEPARATEUR A AIR

Publication
EP 0612271 B1 19960612 (DE)

Application
EP 92923358 A 19921115

Priority
• DE 4137633 A 19911115
• EP 9202628 W 19921115

Abstract (en)
[origin: WO9309883A1] Described is a cyclone separator with a separation chamber (9) in a spiral housing (1) fitted with an inlet (3), disposed parallel to a tangent to the housing, for the material to be separated, as well as a separate, tangential inlet for the separator gas, plus a longitudinal outlet (7), disposed concentrically with the separator axis (6), to allow the gas and fine-particulate matter to pass out of the chamber. The separator is characterized by a ring (11) of vanes located in the spiral housing (1) between the separation chamber (9), which is disposed coaxially with the outlet (7), and an outer annular space (17), the material inlet (3) feeding into the separation chamber (9) and the gas inlet (5) feeding into the outer annular space (17).

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B07B 7/083

IPC 8 full level
B07B 7/083 (2006.01); **B07B 11/06** (2006.01)

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B07B 7/083 (2013.01 - EP US); **B07B 11/06** (2013.01 - EP US)

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