

Title (en)  
Cyclone separator

Title (de)  
Zyklonsichter

Title (fr)  
Séparateur cyclonique

Publication  
**EP 1529568 A3 20060607 (DE)**

Application  
**EP 04026293 A 20041105**

Priority  
DE 10352525 A 20031105

Abstract (en)  
[origin: EP1529568A2] Cyclone separator (1) comprises a cylindrical housing part (20) containing a separating wheel (10) and having a tangential inlet housing (3) and a fine dust outlet (8), and a lower separating region (7) consisting of a conical housing (21) adjoining the bottom of the cylindrical housing part and having a product outlet (25) and a secondary air inlet (24). The flow cross-section in the flow direction of the product is constricted at at least one point (9) in front of the separator region. Preferred Features: The flow cross-section is constructed between the separator wheel and the wall (20a) of the cylindrical housing part.

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

CPC (source: EP)  
**B04C 5/103** (2013.01); **B04C 9/00** (2013.01); **B07B 7/083** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
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