

Title (en)
DYNAMIC SWIRL PLATE FOR CYCLONE SEPARATORS FOR PRODUCING A DOWNWARD TURBULENT FLOW

Title (de)
DYNAMISCHE DRALLSCHEIBE FÜR ZYKLONABSCHIEDER ZUR ERZEUGUNG EINER WIRBELSENKSTRÖMUNG

Title (fr)
PLAQUE A TOURBILLON DYNAMIQUE D'UN SEPARATEUR CYCLONE PERMETTANT DE PRODUIRE UN COURANT TOURBILLONNAIRE DESCENDANT

Publication
EP 1313566 A1 20030528 (DE)

Application
EP 01971802 A 20010727

Priority

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- EP 0108753 W 20010727

Abstract (en)
[origin: WO0209883A1] A swirl plate (6) for cyclone separators produces a downward turbulent flow in a turbulent area (10) and has a recess with a tongue (8) which is elastic in the opposite direction to the flow of high-pressure gas. The tongue opens the recess towards the turbulent area at a specific opening angle, more or less, according to the quantity of high-pressure gas flowing through.

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CPC (source: EP)
B04C 5/02 (2013.01); **B04C 5/103** (2013.01)

Citation (search report)
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