

Title (en)  
Mutli cyclone dust separating apparatus

Title (de)  
Staubsaammelvorrichtung mit mehreren Zyklonen

Title (fr)  
Collecteur de poussière à cyclones multiples

Publication  
**EP 1707097 B1 20080903 (EN)**

Application  
**EP 06290377 A 20060307**

Priority  
• US 66609205 P 20050329  
• KR 20050039378 A 20050511

Abstract (en)  
[origin: EP1707097A2] A multi cyclone dust separating apparatus (110) including a first cyclone (200) and a second cyclone (300) having a plurality of cyclones (310) formed on an outer side of the first cyclone (200). The first cyclone (200) includes a first cyclone chamber centrifugally separating dust from air, a chamber outer wall, a first inlet (240) and a first outlet (250) forming the first cyclone chamber. The second cyclone unit (300) includes a plurality of cyclones (310) arranged along an outer circumference of the first chamber outer wall (230), and having a second cyclone chamber (320) centrifugally separating minute dusts from air drawn in from the first cyclone unit (200), a second chamber outer wall (330) forming the second cyclone chamber, second inlet (340), and a second outlet. The second inlet (340) of each second cyclone (310) of the second cyclone unit (300) is lower than the first inlet (240) of the first cyclone unit (200) and freely settable.

IPC 8 full level  
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CPC (source: EP)  
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