

Title (en)
An electrostatic dust-collecting device

Title (de)
Ein elektrostatisches Staubsammelapparat

Title (fr)
Un appareil électrostatique collecteur de poussière

Publication
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Application
EP 99105789 A 19990322

Priority
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Abstract (en)
A static dust-collecting device installed in a housing (13) of a smoke exhaustion (1) is disclosed. The dust-collecting device (3) includes multiple tubes (31) carrying negative or positive charge. A driving member (33) carrying positive or negative charge is extended through each tube (31). The driving member (33) enables oil drops entrained in the smoke to entrain positive or negative charge, whereby the oil drops are attracted by the tube (31). The driving member (33) is driven by a driving mechanism (35,36,37) for driving a scraper (34) to axially move within the tube (31). The scraper (34) serves to scrape off oil dirt attaching to inner wall of the tube (31). <IMAGE>

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IPC 8 full level
B03C 3/10 (2006.01); **B03C 3/74** (2006.01)

CPC (source: EP)
B03C 3/10 (2013.01); **B03C 3/743** (2013.01)

Citation (search report)
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