

Title (en)
Electrostatic precipitator

Title (de)
Elektrostatische Filtervorrichtung

Title (fr)
Filtre électrostatique

Publication
EP 1769851 A1 20070404 (DE)

Application
EP 05021046 A 20050927

Priority
EP 05021046 A 20050927

Abstract (en)
An electrostatic filter unit (2) for removing particles from a gaseous fluid sucked into a gas turbine comprises a vertically arranged tube electro-filter (20) and at least one additional textile filter (22) arranged after the electro-filter. Preferably the electro-filter comprises needle-shaped ionizing electrodes that produced overlapping ion beams to ionize the particles. An independent claim is also included for a gas turbine comprising the above filter.

IPC 8 full level
B03C 3/019 (2006.01); **B03C 3/02** (2006.01); **B03C 3/14** (2006.01); **B03C 3/49** (2006.01)

CPC (source: EP US)
B03C 3/019 (2013.01 - EP US); **B03C 3/025** (2013.01 - EP US); **B03C 3/14** (2013.01 - EP US); **B03C 3/49** (2013.01 - EP US)

Citation (search report)

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EP2535115A1; US10890113B2; WO2012172086A1

Designated contracting state (EPC)
DE FR GB IT TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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