

Title (en)

Electrostatic filtration module and modular, two-stage, electrostatic filter

Title (de)

Elektrostatishes Filtrationsmodul und modularer elektrostatischer Zwei-Stufen-Filter

Title (fr)

Module de filtration électrostatique et, filtre électrostatique à deux étapes

Publication

**EP 2322280 A1 20110518 (EN)**

Application

**EP 10190444 A 20101109**

Priority

IT MI20091966 A 20091111

Abstract (en)

Module for forming a two-stage electrostatic filter comprising a cathode stage (100) for collecting the particles and a polarization stage (200), in which said cathode stage (100) comprises a pair of flat side elements; the cathode side elements (110) and central elements (120) being parallel to each other and connected in pairs.

IPC 8 full level

**B03C 3/08** (2006.01); **B03C 3/47** (2006.01)

CPC (source: EP)

**B03C 3/08** (2013.01); **B03C 3/47** (2013.01); **B03C 2201/04** (2013.01)

Citation (applicant)

- US 2005051028 A1 20050310 - BOTVINNIK IGOR Y [US]
- WO 2009059451 A1 20090514 - SU JITING [CN], et al
- US 4119416 A 19781010 - HAYASHI KAZUO, et al
- EP 0636418 A2 19950201 - BONTEMPI LUIGI [IT]

Citation (search report)

- [A] US 2005051028 A1 20050310 - BOTVINNIK IGOR Y [US]
- [A] WO 2009059451 A1 20090514 - SU JITING [CN], et al
- [A] US 3958962 A 19760525 - HAYASHI TSUTOMU
- [AD] EP 0636418 A2 19950201 - BONTEMPI LUIGI [IT]
- [A] DE 2448979 A1 19760429 - LICENTIA GMBH
- [A] US 4119416 A 19781010 - HAYASHI KAZUO, et al
- [A] WO 2005102535 A1 20051103 - TECHIN AG [LI], et al

Cited by

CN110589042A; CN107185718A; CN115254431A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2322280 A1 20110518; EP 2322280 B1 20130529; IT MI20091966 A1 20110512**

DOCDB simple family (application)

**EP 10190444 A 20101109; IT MI20091966 A 20091111**