

Title (en)
TWO-STAGE ELECTROSTATIC PRECIPITATOR

Publication
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Application
EP 85730043 A 19850321

Priority
• JP 6550484 A 19840402
• JP 6628684 A 19840403
• JP 8264684 A 19840424

Abstract (en)
[origin: EP0161205A2] A two-stage electrostatic precipitator includes a charging unit for mainly charging dust and a dust collecting unit for mainly collecting dust, wherein the charging unit utilizes a discharging electrode having a uniform cross section and the discharging electrode is applied with a high voltage pulse superimposed on a direct current high voltage, then the electrostatic precipitator is further improved in that a dust collecting electrode of the collecting unit is disposed polygonally and a small section damper for cutting off the flow of gas is provided downstream of the collecting unit, so that the economical efficiency and the dust collecting efficiency of the precipitator are improved.

IPC 1-7
B03C 3/12; **B03C 3/38**; **B03C 3/74**

IPC 8 full level
B03C 3/00 (2006.01); **B03C 3/12** (2006.01); **B03C 3/38** (2006.01); **B03C 3/74** (2006.01)

CPC (source: EP KR)
B03C 3/00 (2013.01 - KR); **B03C 3/12** (2013.01 - EP); **B03C 3/38** (2013.01 - EP); **B03C 3/74** (2013.01 - EP); **B03C 2201/10** (2013.01 - EP)

Cited by
DE102008046411A1; CN111655378A; CN108435428A; EP0348085A1; US4987857A; CN102316994A; CN110694800A; US11484890B2; WO2010086093A1

Designated contracting state (EPC)
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EP 0161205 A2 19851113; **EP 0161205 A3 19860305**; **EP 0161205 B1 19890111**; AU 4019685 A 19851031; AU 581647 B2 19890302; BR 8501516 A 19851126; CA 1268429 A 19900501; DE 3567386 D1 19890216; HK 39093 A 19930430; KR 850007221 A 19851202; KR 890002205 B1 19890623; SG 35592 G 19930129

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