

Title (en)

OPTICAL REGULATING PROCESS FOR THE OPERATING TENSION OF AN ELECTROSTATIC SEPARATOR

Publication

**EP 0050883 B1 19840711 (DE)**

Application

**EP 81201054 A 19810919**

Priority

DE 3040330 A 19801025

Abstract (en)

[origin: EP0050883A1] 1. A method of controlling the voltage applied to an electrostatic precipitator comprising repeatedly sampling the flashover limit, wherein the voltage applied is increased from an initial value until a flashover is initiated and the flashover voltage is measured and used to define a new initial voltage that is below the flashover limit, characterized in that the light generated by the flashovers is optically detected and this detection is utilized to measure the flashover voltage.

IPC 1-7

**B03C 3/68**

IPC 8 full level

**B03C 3/68** (2006.01)

CPC (source: EP)

**B03C 3/68** (2013.01)

Cited by

WO9310901A1

Designated contracting state (EPC)

DE FR IT SE

DOCDB simple family (publication)

**EP 0050883 A1 19820505; EP 0050883 B1 19840711**; DE 3040330 A1 19820603; DE 3164744 D1 19840816; ES 506535 A0 19820901; ES 8206988 A1 19820901; JP S5799349 A 19820621

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**EP 81201054 A 19810919**; DE 3040330 A 19801025; DE 3164744 T 19810919; ES 506535 A 19811023; JP 17129081 A 19811026