

Title (en)

METHOD OF AUTOMATICALLY BRINGING THE VOLTAGE OF AN ELECTROFILTER TO THE DISCHARGE LIMIT

Publication

EP 0038505 B1 19840404 (DE)

Application

EP 81102820 A 19810413

Priority

DE 3015275 A 19800421

Abstract (en)

[origin: US4382805A] A system for automatically controlling the voltage of an electrostatic filter with respect to its breakdown voltage limit. The detection of secondary voltage breakdowns which occur within a post-breakdown time period after an initial voltage breakdown cause the filter voltage to be lowered to zero value. After a deionizing time period, the filter voltage is gradually raised during a predetermined rise time period until it reaches a new value. The duration of the deionizing time period and the rise time period may be advantageously computed in response to the history of voltage breakdowns, by a microcomputer system.

IPC 1-7

B03C 3/68

IPC 8 full level

B03C 3/68 (2006.01)

CPC (source: EP US)

B03C 3/68 (2013.01 - EP US); **Y10S 323/903** (2013.01 - EP US)

Cited by

AT406345B; DE4220658C1; EP0102449A3; CN103752413A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0038505 A1 19811028; **EP 0038505 B1 19840404**; AT E6912 T1 19840415; AU 534502 B2 19840202; AU 6956581 A 19811029; DE 3015275 A1 19811022; DE 3162931 D1 19840510; JP S56163764 A 19811216; JP S6124053 B2 19860609; US 4382805 A 19830510; ZA 812550 B 19820428

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