

Title (en)

AN ARRANGEMENT IN INSULATORS THAT FORM PART OF ELECTROSTATIC DUST SEPARATORS

Publication

EP 0237512 B1 19900606 (EN)

Application

EP 87850075 A 19870310

Priority

SE 8601124 A 19860311

Abstract (en)

[origin: EP0237512A1] The present invention relates to an arrangement in an insulator (4) which forms part of an electrostatic dust separator and which has an insulator part provided with one or more first holes (17) through which a gas flow can pass for the purpose of reducing or eliminating the collection of dust on the inner wall sections (4a) of the insulator. Located downstream of the first holes (17) as seen in the direction of gas flow, is one or more turbulence generating devices (20). A container (21) is arranged adjacent the aforementioned insulator part and has a configuration such that all of the first holes (17) in the insulator part open into the container. The container surface facing away from the aforementioned insulator part is provided with a plurality of second holes (22) which discharge or open upstream of the turbulence generating device (20).

IPC 1-7

B03C 3/70

IPC 8 full level

B03C 3/70 (2006.01)

CPC (source: EP)

B03C 3/70 (2013.01)

Cited by

CN109317312A; CN104619422A; US9039815B2; US9238230B2; US8894745B2; US9073062B2; US9845952B2; WO2014001638A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0237512 A1 19870916; EP 0237512 B1 19900606; AT E53308 T1 19900615; DE 3763012 D1 19900712; IN 169463 B 19911019; SE 453159 B 19880118; SE 8601124 D0 19860311; SE 8601124 L 19870912

DOCDB simple family (application)

EP 87850075 A 19870310; AT 87850075 T 19870310; DE 3763012 T 19870310; IN 175MA1987 A 19870312; SE 8601124 A 19860311