

Title (en)

Method of protecting buildings by autarc vertical air flows

Title (de)

Verfahren zum Schutz von Bauten mittels vertikaler, energieautarker Windströme

Title (fr)

Procédé pour la protection de bâtiments au moyen de courants d'air autarciques verticaux

Publication

EP 0722021 A3 19970514 (DE)

Application

EP 96100277 A 19960109

Priority

DE 19500463 A 19950110

Abstract (en)

[origin: DE19500463A1] The process uses suitably designed spoilers (5) for conversion of horizontal detrimental material contg. wind stream into vertical, high velocity ones. Thus the buildings behind the spoilers are protected against the effect of the horizontal winds independently of the spoiler shape and addition of electrostatic filters. Pref. the spoiler structure may be inserted also in smog-laden atmos. of towns and city regions for a vertical air flow deflection.

IPC 1-7

E04B 1/62

IPC 8 full level

E04H 9/16 (2006.01)

CPC (source: EP)

E04H 9/16 (2013.01)

Citation (search report)

- [X] FR 2087618 A5 19711231 - BERTIN & CIE
- [A] DE 3503138 A1 19860807 - PINDERS HEINZ
- [A] AT 370156 B 19830310 - VANICEK VIKTOR GMBH [AT]
- [A] FR 2426118 A1 19791214 - BERTIN & CIE [FR]
- [A] DE 9401345 U1 19940811 - RUHRTALER STAHL U BEHAELTERBAU [DE]
- [A] DE 2503024 A1 19760729 - WERSCHE ARTUR H E

Designated contracting state (EPC)

ES FR GB GR IT

DOCDB simple family (publication)

DE 19500463 A1 19950803; EP 0722021 A2 19960717; EP 0722021 A3 19970514; EP 0722021 B1 20000531

DOCDB simple family (application)

DE 19500463 A 19950110; EP 96100277 A 19960109