

Title (en)

Purification device for separation of particles in a gas stream

Title (de)

Reinigungsvorrichtung zum Abscheiden von Partikeln aus einem Gasstrom

Title (fr)

Dispositif de nettoyage pour la séparation de particules dans un courant gazeux

Publication

EP 0933508 B1 20040107 (DE)

Application

EP 99101162 A 19990122

Priority

DE 19803094 A 19980128

Abstract (en)

[origin: EP0933508A1] The cleaning device (2) has at least one guide element (4) for the gas flow (8), to cause a change in direction of the flow when it passes through the device. The guide element also acts as a filter (6). It has two bar-shaped baffle elements (12), which are relatively offset and at a distance to each other. The guide element is contained in a housing (3) with a gas flow intake (28) and an outlet (29), which is connected to an underpressure source. The guide element consists of a wire web or wire filter.

IPC 1-7

F01M 13/04

IPC 8 full level

F01M 13/04 (2006.01)

CPC (source: EP)

F01M 13/04 (2013.01)

Citation (examination)

- DE 3910559 A1 19901004 - BAYERISCHE MOTOREN WERKE AG [DE]
- DE 4119794 A1 19921217 - MTU FRIEDRICHSHAFEN GMBH [DE]
- DE 431352 C 19260707 - HANS WUNDERLICH

Cited by

CN105604645A; EP1304453A3

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0933508 A1 19990804; EP 0933508 B1 20040107; DE 19803094 A1 19990805; DE 59908217 D1 20040212

DOCDB simple family (application)

EP 99101162 A 19990122; DE 19803094 A 19980128; DE 59908217 T 19990122