

Title (en)

EXHAUST DIFFUSER FOR AN AFTER TREATMENT SYSTEM OF AN INTERNAL COMBUSTION ENGINE AND AFTER TREATMENT SYSTEM COMPRISING SAID DIFFUSER

Title (de)

ABGASDIFFUSOR FÜR EIN NACHBEHANDLUNGSSYSTEM EINES VERBRENNUNGSMOTORS UND NACHBEHANDLUNGSSYSTEM MIT BESAGTEM DIFFUSOR

Title (fr)

DIFFUSEUR D'ÉCHAPPEMENT DESTINÉ À UN SYSTÈME DE POST-TRAITEMENT D'UN MOTEUR À COMBUSTION INTERNE ET SYSTÈME DE POST-TRAITEMENT COMPRENANT CE DIFFUSEUR

Publication

EP 3575567 B1 20210630 (EN)

Application

EP 19186385 A 20170915

Priority

- IT 201600093139 A 20160915
- EP 17191403 A 20170915

Abstract (en)

[origin: EP3296534A1] Exhaust diffuser (D, D') for an After Treatment System (ATS) of an internal combustion engine comprising a first portion (FP) having a tubular frusto-pyramidal shape developing according to a first axis (Y), having an inlet (IN, IN'), for receiving exhaust gas from said ATS, proximal to a minor basis (MNB) of the truncated pyramid, and a second portion (SP), contiguous with and subsequent to said first one, according to an exhaust gas circulation, wherein said second portion comprises two or more separate paths (PTH) communicating with the outside, arranged side-by-side between each other according to said developing axis (Y), and wherein each path includes at least one ejector (EJ) arranged in such a way to suck fresh air from the outside of the diffuser.

IPC 8 full level

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CPC (source: EP)

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