

Title (en)
INTAKE DISTRIBUTOR MADE FROM PLASTIC MATERIAL WITH AN AT LEAST PARTIAL INNER LINING

Title (de)
ANSAUGVERTEILER AUS KUNSTSTOFF MIT ZUMINDEST TEILWEISER INNENAUSKLEIDUNG

Title (fr)
RÉPARTITEUR D'ADMISSION EN MATIÈRE PLASTIQUE AVEC UN CHEMISAGE INTÉRIEUR AU MOINS PARTIEL

Publication
EP 3999732 B1 20230830 (FR)

Application
EP 20739730 A 20200717

Priority
• FR 1908201 A 20190719
• EP 2020070363 W 20200717

Abstract (en)
[origin: WO2021013755A1] The present invention concerns an intake distributor or manifold (1) made from thermoplastic material constituted by two shells (2, 2') assembled together rigidly at respective circumferential peripheral edges (3, 3') and together constituting a distributor body defining a hollow internal space, at least one of the shells (2, 2') comprising a fitted sheet or plate (4, 4') made from metal material, at least partially covering the inner face of the wall of the or each shell (2, 2') in question and preformed so as to substantially conform to the shape of the wall of this shell at least locally, in the manner of a skin, the or each metal sheet (4, 4') being mechanically and rigidly secured to the shell (2, 2') in question. The distributor (1) is characterised in that the or each shell (2, 2') comprises anchoring sites (6) for anchoring attachment means (7) for attaching the or each metal sheet (4, 4') with this shell (2, 2'), these anchoring sites (6) being located in formations (8) made from thermoplastic material situated at the circumferential edge (3, 3') and extending outwards from the wall.

IPC 8 full level
F02M 35/10 (2006.01); **F02M 35/104** (2006.01)

CPC (source: EP)
F02M 35/10268 (2013.01); **F02M 35/10321** (2013.01); **F02M 35/10327** (2013.01); **F02M 35/1036** (2013.01); **F02M 35/104** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2021013755 A1 20210128; EP 3999732 A1 20220525; EP 3999732 B1 20230830; FR 3098863 A1 20210122; FR 3098863 B1 20210625

DOCDB simple family (application)
EP 2020070363 W 20200717; EP 20739730 A 20200717; FR 1908201 A 20190719