

Title (en)

RECESS FOR RECEIVING A FILTER CARTRIDGE

Title (de)

AUSSPARUNG ZUR AUFNAHME EINER FILTERPATRONE

Title (fr)

LOGEMENT CREUX POUR RECEVOIR UNE CARTOUCHE FILTRANTE

Publication

EP 4058173 A1 20220921 (FR)

Application

EP 20800956 A 20201110

Priority

- FR 1912689 A 20191114
- EP 2020081573 W 20201110

Abstract (en)

[origin: WO2021094281A1] Disclosed is an axial extension part which enables the use a filter cartridge (25) of larger axial dimensions than a standard filter cartridge for which the axial depth of a recess (11) of a housing (10) of a selective catalytic reduction device (SCR) has been provided. This makes it possible to have different filtration properties, without the need to modify the casing. The filter cartridge (25) of larger dimensions can be inserted in the extension part when this part is mounted in the recess (11) of the housing (10). The cartridge is enclosed there, in a sealed manner, when the closure plug (21) is put in place in order to close the opening at the rear end of the part.

IPC 8 full level

B01D 29/11 (2006.01)

CPC (source: EP US)

B01D 29/114 (2013.01 - EP US); **B01D 35/18** (2013.01 - US); **B01D 35/30** (2013.01 - US); **B01D 53/9418** (2013.01 - US); **B01D 2201/02** (2013.01 - EP); **B01D 2201/302** (2013.01 - EP US); **B01D 2201/34** (2013.01 - EP); **B01D 2201/347** (2013.01 - US); **B01D 2201/40** (2013.01 - EP); **B01D 2201/4023** (2013.01 - EP); **B01D 2201/4092** (2013.01 - US); **Y02A 50/20** (2017.12 - EP); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

See references of WO 2021094281A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3103116 A1 20210521; **FR 3103116 B1 20220902**; CN 115279476 A 20221101; EP 4058173 A1 20220921; US 2023001337 A1 20230105; WO 2021094281 A1 20210520

DOCDB simple family (application)

FR 1912689 A 20191114; CN 202080092986 A 20201110; EP 2020081573 W 20201110; EP 20800956 A 20201110; US 202017776971 A 20201110