

Title (en)

Inlet deflector assembly for an aftertreatment system

Title (de)

Einlassdeflektoranordnung für ein Nachbehandlungssystem

Title (fr)

Ensemble défecteur d'entrée pour un système de post-traitement

Publication

EP 3032061 B1 20190220 (EN)

Application

EP 14197160 A 20141210

Priority

EP 14197160 A 20141210

Abstract (en)

[origin: EP3032061A1] An inlet flange for an aftertreatment system component comprises a flange body (300) and an inlet deflector assembly (200) to deflect and expand exhaust gas from the inlet (312) outwardly as the exhaust gas flows towards an aftertreatment component (410), such as an selective catalytic reduction catalyst, a diesel particulate filter, and/or a diesel oxidation catalyst. The inlet deflector assembly (200) may include a first deflection member (210), a second deflection member (220), and a third deflection member (230). The first deflection member (210), the second deflection member (220), and the third deflection member (230) are configured to deflect fluid flow outwardly away from a longitudinal axis (350) defined by a flange inlet opening (312).

IPC 8 full level

F01N 3/28 (2006.01); **B01F 5/06** (2006.01); **F01N 3/021** (2006.01); **F01N 3/10** (2006.01); **F01N 3/20** (2006.01)

CPC (source: EP)

F01N 3/2892 (2013.01); **F01N 3/021** (2013.01); **F01N 3/103** (2013.01); **F01N 3/2066** (2013.01); **F01N 2240/20** (2013.01); **F01N 2450/22** (2013.01); **F01N 2530/02** (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)

EP 3032061 A1 20160615; EP 3032061 B1 20190220

DOCDB simple family (application)

EP 14197160 A 20141210