

Title (en)
Stepped down aftertreatment device shroud

Title (de)
Stufenweise zusammenführende Abdeckung einer Nachbehandlungsvorrichtung

Title (fr)
Carénage de dispositif de post-traitement échelonné

Publication
EP 2853709 A1 20150401 (EN)

Application
EP 14181137 A 20140815

Priority
US 201314038923 A 20130927

Abstract (en)
A shroud (102) for an aftertreatment device (100) for treating exhaust gas from an internal combustion engine comprises a stepped conduit (126) configured to be disposed over an upper surface of the aftertreatment device (100) and extending over substantially the entire length of the aftertreatment device (100), wherein the stepped conduit (126) is configured to channel a flow of cleaning air longitudinally along the outer and upper surface of the aftertreatment device (100), wherein an inner surface of the stepped conduit (126) defines at least a first downwardly extending step (134, 136, 138) and a second downwardly extending step (134, 136, 138) that are spaced apart along the length of the aftertreatment device (100), to direct at least a portion of the flow of cleaning air downward.

IPC 8 full level
F01N 13/14 (2010.01)

CPC (source: EP US)
F01N 13/10 (2013.01 - US); **F01N 13/143** (2013.01 - EP US); **F01N 2260/022** (2013.01 - EP US)

Citation (search report)
[X1] EP 2372121 A1 20111005 - DEERE & CO [US]

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)
EP 2853709 A1 20150401; CA 2864511 A1 20150327; EA 201400936 A1 20150331; US 2015089933 A1 20150402

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