

Title (en)
Duct transition arrangement

Title (de)
Leitungsübergangsanordnung

Title (fr)
Agencement de transition de conduite

Publication
EP 2433712 A1 20120328 (EN)

Application
EP 10180065 A 20100927

Priority
EP 10180065 A 20100927

Abstract (en)
The present disclosure provides a duct transition arrangement (1) for use in an exhaust gas cleaning system. The exhaust gas cleaning system comprises an inlet duct (10), an outlet duct (20), and a transition duct (30) connecting the inlet duct to the outlet duct. Once so connected, flue gases flow through the system from the inlet duct through the transition duct and into the outlet duct. The transition duct comprises at least one expanded screen (31) for distribution of gas flow through the transition duct.

IPC 8 full level
B03C 3/011 (2006.01); **B03C 3/36** (2006.01)

CPC (source: EP)
B03C 3/011 (2013.01); **B03C 3/363** (2013.01); **B03C 3/365** (2013.01)

Citation (applicant)
• US 4502872 A 19850305 - IVESTER FRANK D [US], et al
• US 4207083 A 19800610 - GELHAAR ROLF [DE], et al
• GB 346635 A 19310416 - METALLGESELLSCHAFT AG
• WO 2004067183 A1 20040812 - GENTECH CO LTD [KR], et al

Citation (search report)
• [X] WO 9801213 A1 19980115 - SAFE ROAD AB [SE], et al
• [X] US 5156658 A 19921020 - RIEHL RICHARD T [US]
• [Y] JP 2001232235 A 20010828 - MITSUBISHI HEAVY IND LTD
• [Y] CN 101318160 A 20081210 - YE YUAN [CN]
• [Y] WO 0194023 A1 20011213 - GITTLER PHILIPP [AT]
• [Y] EP 0918146 A1 19990526 - SULZER CHEMTECH AG [CH]
• [Y] US 5165452 A 19921124 - CHENG DAH Y [US]
• [Y] FR 2924621 A1 20090612 - INST FRANCAIS DU PETROLE [FR]
• [Y] JP 2009114872 A 20090528 - MITSUBISHI HEAVY IND LTD, et al
• [Y] US 6296692 B1 20011002 - GUTMANN RUDOLF [DE]
• [Y] US 4695297 A 19870922 - HEIN ARTHUR G [CA]
• [A] US 4883509 A 19891128 - GIUSTI GIAMBATTISTA [US], et al

Cited by
CN106733185A; WO2014007626A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2433712 A1 20120328; TW 201221824 A 20120601; WO 2012042327 A1 20120405

DOCDB simple family (application)
EP 10180065 A 20100927; IB 2011002142 W 20110914; TW 100134665 A 20110926