

Title (en)  
COOLING SYSTEM FOR ACTIVELY COOLING AN EXHAUST GAS SYSTEM

Title (de)  
KÜHLSYSTEM ZUR AKTIVEN KÜHLUNG EINES ABGASSYSTEMS

Title (fr)  
SYSTÈME DE REFROIDISSEMENT ACTIF D'UN SYSTÈME D'ÉCHAPPEMENT

Publication  
**EP 2785993 A1 20141008 (DE)**

Application  
**EP 12797834 A 20121128**

Priority  
• DE 102011087675 A 20111202  
• EP 2012073824 W 20121128

Abstract (en)  
[origin: WO2013079523A1] The invention relates to a cooling system (10) for actively cooling an exhaust gas system (12), comprising an exhaust pipe (14) for leading away an exhaust gas flow (22) of an internal combustion engine (16) and an air-conducting element (18), which is arranged across from the exhaust pipe (14) such as to form an air-conducting channel (20) in order to cool the exhaust pipe (14) by introducing an air flow (24) into the air-conducting channel (20).

IPC 8 full level  
**F01N 13/14** (2010.01)

CPC (source: EP US)  
**F01N 13/082** (2013.01 - US); **F01N 13/143** (2013.01 - EP US); **F01N 2260/022** (2013.01 - EP US); **F01N 2270/02** (2013.01 - US); **F01N 2470/24** (2013.01 - EP US); **F01N 2590/08** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013079523A1

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)  
**DE 102011087675 A1 20130606**; EP 2785993 A1 20141008; EP 2785993 B1 20160706; US 2015128578 A1 20150514; WO 2013079523 A1 20130606

DOCDB simple family (application)  
**DE 102011087675 A 20111202**; EP 12797834 A 20121128; EP 2012073824 W 20121128; US 201214359350 A 20121128