

Title (en)  
VEHICLE OVEN HAVING AN OPTIMIZED WATER VAPOR INJECTOR

Title (de)  
FAHRZEUG MIT EINEM OPTIMISIERTEN WASSERDAMPFINJEKTOR

Title (fr)  
FOUR DE VÉHICULE AYANT UN INJECTEUR DE VAPEUR D'EAU OPTIMISÉ

Publication  
**EP 2830424 A1 20150204 (EN)**

Application  
**EP 13770145 A 20130328**

Priority  
• US 201261616812 P 20120328  
• US 2013034502 W 20130328

Abstract (en)  
[origin: US2013259455A1] An oven heating element assembly includes a heating element operable to heat air that flows across the heating element, a fan operable to cause air to flow across the heating element, and a water vapor injector. The water vapor injector is operable to inject mist into the air heated by the heating element to facilitate the mist being converted to steam by the heated air.

IPC 8 full level  
**F22B 1/28** (2006.01); **A21B 3/04** (2006.01); **F24C 15/32** (2006.01)

CPC (source: CN EP US)  
**F22B 1/287** (2013.01 - CN EP US); **F22B 3/00** (2013.01 - US); **F24C 15/327** (2013.01 - EP 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)  
**US 2013259455 A1 20131003**; CA 2867153 A1 20131003; CA 2867153 C 20170124; CN 104411174 A 20150311; EP 2830424 A1 20150204; EP 2830424 A4 20150805; JP 2015516561 A 20150611; WO 2013149092 A1 20131003

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**US 201313853019 A 20130328**; CA 2867153 A 20130328; CN 201380022576 A 20130328; EP 13770145 A 20130328; JP 2015503622 A 20130328; US 2013034502 W 20130328