

Title (en)  
FLUID DISPLACEMENT DEVICE

Title (de)  
FLÜSSIGKEITSVERDRÄNGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE DÉPLACEMENT DE FLUIDE

Publication  
**EP 2844393 A1 20150311 (EN)**

Application  
**EP 13723999 A 20130501**

Priority  
• NL 2008735 A 20120501  
• NL 2013050324 W 20130501

Abstract (en)  
[origin: WO2013165242A1] The invention relates to a fluid displacement device (2) configured for generating a flow within a fluid. The fluid displacement device comprises an airflow duct (4) with an inner surface (4C) configured to accommodate a flow of fluid. A number of corona electrodes (6A) is disposed in the airflow duct wherein each of the corona electrodes comprises an elongated body (6A2) with a distal end (61) and a proximal end (62). The distal end is provided with a tip structure (6A1) configured to generate a corona discharge. A non-corona electrode (6B) is disposed downstream the corona electrodes, the tips (6A1) of the corona electrodes (6A) are positioned at a predefined distance (d) from the non-corona electrode (6B), and the proximal end joins the inner surface of the airflow duct (4) at a distance from the non-corona electrode which is longer than the predefined distance d.

IPC 8 full level  
**B03C 3/12** (2006.01); **B03C 3/08** (2006.01); **B03C 3/32** (2006.01); **B03C 3/41** (2006.01); **B03C 3/60** (2006.01)

CPC (source: EP)  
**B03C 3/08** (2013.01); **B03C 3/12** (2013.01); **B03C 3/32** (2013.01); **B03C 3/41** (2013.01); **B03C 3/60** (2013.01); **B03C 2201/06** (2013.01); **B03C 2201/10** (2013.01); **B03C 2201/14** (2013.01)

Citation (search report)  
See references of WO 2013165242A1

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)  
**WO 2013165242 A1 20131107**; CN 204380854 U 20150610; EP 2844393 A1 20150311; EP 2844393 B1 20210707; NL 2008735 C2 20131104

DOCDB simple family (application)  
**NL 2013050324 W 20130501**; CN 201390000446 U 20130501; EP 13723999 A 20130501; NL 2008735 A 20120501