

Title (en)  
METHOD FOR PURIFYING AN AIR FLOW AND PURIFICATION DEVICE

Title (de)  
VERFAHREN ZUR REINIGUNG EINER LUFTSTRÖMUNG UND REINIGUNGSVORRICHTUNG

Title (fr)  
PROCÉDÉ POUR PURIFIER UN FLUX D'AIR ET DISPOSITIF DE PURIFICATION

Publication  
**EP 2406011 A1 20120118 (DE)**

Application  
**EP 10711996 A 20100304**

Priority  
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• DE 102009012680 A 20090313

Abstract (en)  
[origin: WO2010102749A1] In a method for purifying an air flow, wherein in an air flow containing impurities and odors a dielectrically impeded discharge is forced in order to generate a plasma before the air flow is subsequently guided through activated carbon (26) or a comparable filter material, the air flow is initially redirected in an inlet area and the flow velocity is subsequently reduced in order to force a separation of particle-shaped impurities which is caused by centrifugal forces.

IPC 8 full level  
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CPC (source: EP)  
**B03C 3/155** (2013.01); **B03C 3/363** (2013.01)

Citation (search report)  
See references of WO 2010102749A1

Citation (examination)  
• DE 102004053030 A1 20060504 - LANGNER MANFRED H [DE]  
• DE 102006029303 A1 20071227 - LANGNER MANFRED H [DE]  
• WO 03070355 A1 20030828 - LANGNER MANFRED H [DE]

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