

Title (en)  
DUCT SECTION FOR AN AIR MOVEMENT DUCT

Title (de)  
LEITUNGSABSCHNITT FÜR EINE LUFTBEWEGUNGSLEITUNG

Title (fr)  
SECTION DE CONDUIT DESTINÉE À UN CONDUIT DE CIRCULATION D'AIR

Publication  
**EP 3144599 A1 20170322 (EN)**

Application  
**EP 16187554 A 20160907**

Priority  
GB 201516029 A 20150910

Abstract (en)  
A duct section 1 for an air movement duct, has a duct inlet section 2 for a fan driven primary air flow 3, the duct section 1 further having a peripheral air inlet 5 through which a secondary air flow is drawn into the duct section 1 by entrainment by the passing primary air flow to form a combined air flow of both the primary and the secondary air flows. A nozzle 4 comprising a guide vane arrangement 6 is located downstream of the peripheral air inlet 5 so as to be impinged by and to direct the combined air flows.

IPC 8 full level  
**F24F 13/26** (2006.01); **F24F 7/06** (2006.01); **F24F 13/02** (2006.01); **F24F 13/06** (2006.01)

CPC (source: EP GB)  
**F24F 7/06** (2013.01 - EP GB); **F24F 13/02** (2013.01 - EP); **F24F 13/06** (2013.01 - EP); **F24F 13/26** (2013.01 - EP)

Citation (search report)

- [X] US 4255176 A 19810310 - MACROW LAWRENCE
- [X] US 4191098 A 19800304 - GERSCH DIETFRIED [DE]
- [X] US 3981326 A 19760921 - GORCHEV DIMITER
- [X] DE 102006030662 A1 20080117 - FUCHS PETER [DE]
- [A] US 2012292407 A1 20121122 - MORNAN BRIAN J [US], et al

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)  
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