

Title (en)  
Automatic lateral sliding door

Title (de)  
Automatische, seitlich oeffnende Schiebetür

Title (fr)  
Porte automatique coulissante latérale

Publication  
**EP 2500664 A1 20120919 (EN)**

Application  
**EP 12159160 A 20120313**

Priority  
IT VI20110053 A 20110315

Abstract (en)  
The invention regards an automatic lateral sliding door, of the type provided with an "air blade barrier", obtained with suitable airflow, configured according to a vertical slat configuration, which form a vertical barrier, which withholds the airflow in horizontal direction. Such automatic door is characterized in that the ventilation group (1), which provides for the air barrier (B), is applied on the upright of the door (3), so as to have the port for suctioning the airflow arranged on one side of the door and the slit for blowing the air, that forms the barrier (B), positioned on the other side of the door itself. ( Fig 5 ).

IPC 8 full level  
**F24F 9/00** (2006.01)

CPC (source: EP)  
**F24F 9/00** (2013.01); **F24F 2009/005** (2013.01)

Citation (applicant)  
• EP 1801341 A1 20070627 - ASSA ABLOY IP AB [SE]  
• US 2007298703 A1 20071227 - CHEN CHIH-FENG [CN]  
• DE 4404733 A1 19950817 - LKS LUFT UND KLIMASERVICE CHRI [DE]

Citation (search report)  
• [A] EP 1801341 A1 20070627 - ASSA ABLOY IP AB [SE]  
• [A] US 2007298703 A1 20071227 - CHEN CHIH-FENG [CN]  
• [A] DE 4404733 A1 19950817 - LKS LUFT UND KLIMASERVICE CHRI [DE]

Cited by  
BE1024272B1; IT201600080628A1; EP4230923A1; IT202200003023A1; EP2902719A1; EP3168545A1; WO2017171572A1

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)  
**EP 2500664 A1 20120919; EP 2500664 B1 20150311**; IT VI20110053 A1 20120916

DOCDB simple family (application)  
**EP 12159160 A 20120313**; IT VI20110053 A 20110315