

Title (en)  
Air curtain discharge device

Title (de)  
Luftvorhangentladungsvorrichtung

Title (fr)  
Dispositif de décharge de rideau d'air

Publication  
**EP 2392868 A3 20130807 (EN)**

Application  
**EP 11250572 A 20110601**

Priority  
GB 201009460 A 20100605

Abstract (en)  
[origin: EP2392868A2] An air curtain discharge device 33 is provided for use with an air curtain 20 of the type used to separate two spaces A, B from each other in order to protect an opening. The discharge device comprises a plenum chamber 30 for receiving compressed air. An air distribution means 32 is operable for directing and increasing the velocity of pressurized air from the plenum chamber towards an outlet 38. The air curtain discharge device further comprises means 34 for reducing turbulence within the air.

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

CPC (source: EP GB)  
**F24F 9/00** (2013.01 - EP GB); **F24F 2013/088** (2013.01 - EP)

Citation (search report)

- [XII] DE 102004001765 A1 20050804 - SCHANZE JOCHEN [DE]
- [XA] DE 9103331 U1 19910620
- [A] EP 0611924 A1 19940824 - BIDDLE F H BV [NL]
- [A] EP 1462730 A1 20040929 - KAMPMANN GMBH [DE]
- [A] WO 2007027083 A1 20070308 - BIDDLE BV [NL], et al
- [A] US 2007298703 A1 20071227 - CHEN CHIH-FENG [CN]

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 2392868 A2 20111207; EP 2392868 A3 20130807**; CA 2742052 A1 20111205; GB 201009460 D0 20100721; GB 2480884 A 20111207

DOCDB simple family (application)  
**EP 11250572 A 20110601**; CA 2742052 A 20110603; GB 201009460 A 20100605