

Title (en)
HIGH SPEED SLIDING ROLL-UP DOOR COMPRISING AN UPPER SHELTER AREA FOR ACCOMMODATING A FLEXIBLE CURTAIN IN THE OPEN CONFIGURATION OF THE DOOR

Title (de)
SCHNELLLAUFROLLTOR MIT SCHUTZRAUM IM OBEREN BEREICH ZUR AUFNAHME EINES FLEXIBLEN BEHANGS IN DER OFFEN POSITION DES TORES

Title (fr)
PORTE RAPIDE A RIDEAU SOUPLE AVEC LOGEMENT SUPERIEUR POUR LOGER LE RIDEAU DANS LA CONFIGURATION OUVERTE

Publication
EP 3929393 A1 20211229 (EN)

Application
EP 21000148 A 20210604

Priority
IT 202000015088 A 20200623

Abstract (en)
A high speed sliding roll-up door comprises a flexible curtain to close or open an opening in a wall (13) delimited by a portal structure (12) including two lateral uprights (14) provided with hollow rails (24) for guiding the curtain (20), and an upper crosspiece (16). The lateral edges of the curtain (20) are provided with projections (22) adapted to be engaged by the teeth of respective control gear wheels (32) for controlling the movement of the curtain (20). The curtain (20) is intended to be received, in the open condition of the door (10), above the portal structure (12) in a shelter area (26) delimited, at the opposite axial ends, by a pair of specular guide paths (30, 30a, 30b) formed in respective guide panels (28; 28a). Each guide panel (28; 28a) is carried by a respective support plate (36) fast with said wall (13), with the possibility of relative displacement to and from the opposite guide panel (28; 28a).

IPC 8 full level
E06B 9/174 (2006.01); **E06B 9/13** (2006.01); **E06B 9/58** (2006.01); **E06B 9/68** (2006.01)

CPC (source: EP)
E06B 9/13 (2013.01); **E06B 9/174** (2013.01); **E06B 9/581** (2013.01); **E06B 9/68** (2013.01); **E05D 15/165** (2013.01); **E05Y 2900/11** (2013.01); **E05Y 2900/146** (2013.01); **E06B 2009/0684** (2013.01)

Citation (applicant)
WO 2010101836 A2 20100910 - RITE HITE HOLDING CORP [US], et al

Citation (search report)

- [XAYI] US 2007277942 A1 20071206 - DONDLINGER JASON [US], et al
- [YA] WO 2010101836 A2 20100910 - RITE HITE HOLDING CORP [US], et al
- [A] US 2005067118 A1 20050331 - COENRATES BENOIT [BE]
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- [A] US 2011146920 A1 20110623 - MAZEJ ANDREJ [SI], et al
- [A] US 2011108214 A1 20110512 - KOMATSU AKIO [JP], 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

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