

Title (en)

A sectional door with an entrance door having a closure system

Title (de)

Sektionaltor mit einer Eingangstür mit einem Verschlusssystem

Title (fr)

Porte sectionnelle avec porte d'entrée dotée d'un système de fermeture

Publication

EP 2412902 A1 20120201 (EN)

Application

EP 11005900 A 20110719

Priority

IT TO20100644 A 20100727

Abstract (en)

A sectional door (S) with a cut out entrance door (P), the entrance door being formed by a number of superimposed panels (P) mutually hinged, wherein each entrance door panel (P) is hinged to a corresponding section of the sectional door (S), and wherein a first entrance door panel (P1) is provided with a lock (L) intended to block the entrance door (P) with respect to the sectional door (S), wherein the lock (L) is operatively connected with vertical shaft segments (6) suitable for being displaced between an opening position and a closing position, which shaft segments (6) end at their end portions in correspondence of the hinge axes of the first panel (P1), and for the other panels of the entrance door (P) there are provided vertical shaft segments (6) coaxial with said shaft segments (6) of the first panel (P1) and connected to means (B) for blocking with respect to the sectional door (S), the shaft segments (6) of all the panels (P) forming a composite shaft (6) interrupted in correspondence with the hinges among the panels (P), through which shaft the lock is able to operate the blocking means (B) of all the entrance door panels. This composite shaft (6), being interrupted in correspondence of the hinges among the panels (P), does not hinder the displacements of the panels, that are needed for following the curved trajectory of the sectional door (S).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

BE 528030 A

Citation (search report)

- [A] BE 528030 A
- [A] EP 1826342 A1 20070829 - NIEWOEHNER IND GMBH & CO KG [DE]
- [A] WO 2007133364 A2 20071122 - BRUNETTE BARRY J [US], et al
- [A] EP 1467049 A2 20041013 - HOERMANN KG [DE]
- [A] US 4603723 A 19860805 - SUGIHARA TOSHIHIKO [JP]

Cited by

DE102017208711B4; DE102017208711A1; EP2848761A1

Designated contracting state (EPC)

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BA ME

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