

Title (en)
A ROLL-UP DOOR

Title (de)
ROLLTÜR

Title (fr)
PORTE A RIDEAU METALLIQUE

Publication
EP 1017922 A1 20000712 (EN)

Application
EP 98946263 A 19980925

Priority

- DK 9800418 W 19980925
- DK 110697 A 19970926
- DK PA199801203 A 19980924

Abstract (en)
[origin: WO9916997A1] A roll-up door (1) is assembled by a number of preferably elongated sections (16', 16") each comprising a front (22', 22"), a back (23', 23"), and two edge sides (24', 24") extending transversely of the door. The sections are two by two pivotally connected by hinges (20) at adjacent edge sides. These edge sides are arranged in such a way that they are supporting against each other along a front and a posterior pair of supporting surfaces (25', 25") at the front and the back respectively of the sections in the closed position, and that they between these supporting surfaces are extending at a relatively small mutual distance over a predetermined arc angle along a front pair of mainly cylindrical flanks (27', 27") having mutual axes with or nearly mutual axes with the pivot axis and a posterior pair of flanks (28', 28"). The door is made secure against getting the fingers caught both at the front and at the back, and its sections are supported securely and stably during mounting. In the closed position, the hinges are effectively relieved of load, and the heat loss via the joint between the sections is reduced to a minimum.

IPC 1-7
E06B 3/48

IPC 8 full level
E06B 3/48 (2006.01)

CPC (source: EP)
E06B 3/485 (2013.01)

Citation (search report)
See references of WO 9916997A1

Cited by
EP2460970A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9916997 A1 19990408; AT E216024 T1 20020415; AU 9338098 A 19990423; DE 69804828 D1 20020516; DE 69804828 T2 20021010; DK 1017922 T3 20020729; EP 1017922 A1 20000712; EP 1017922 B1 20020410; ES 2173620 T3 20021016; NO 20001565 D0 20000324; NO 20001565 L 20000324; NO 318332 B1 20050307; PL 192387 B1 20061031; PL 339433 A1 20001218; PT 1017922 E 20020731

DOCDB simple family (application)
DK 9800418 W 19980925; AT 98946263 T 19980925; AU 9338098 A 19980925; DE 69804828 T 19980925; DK 98946263 T 19980925; EP 98946263 A 19980925; ES 98946263 T 19980925; NO 20001565 A 20000324; PL 33943398 A 19980925; PT 98946263 T 19980925