

Title (en)
Sectional door

Title (de)
Elementtor

Title (fr)
Porte sectionnelle

Publication
EP 1234946 A3 20030820 (DE)

Application
EP 01119612 A 20010820

Priority

- DE 10108702 A 20010223
- DE 10118928 A 20010418
- DE 10122819 A 20010511
- DE 10127603 A 20010612
- DE 10121094 A 20010423

Abstract (en)
[origin: EP1234946A2] The door structure, composed of separate horizontal board units (3) in a vertical stack, rides in guide rails (1,2) on rollers (6) at their narrow sides. When the door is closed, the boards lie tightly together in a vertical array. When the door is opened, the board sections are moved into a magazine near the fall to be stacked parallel to each other, when a belt attached to the bottom board pulls the assembly upwards. Angled surfaces (4) at the boards push their neighbors against the guide rails into the magazine. The boards are fitted with seals against each other at their facing surfaces, or they have raindrop deflectors, to prevent the effects of weather penetrating through the closed door.

IPC 1-7
E06B 9/06; **E06B 3/92**

IPC 8 full level
E06B 9/06 (2006.01)

CPC (source: EP)
E06B 9/0638 (2013.01); **E06B 9/0676** (2013.01)

Citation (search report)

- [X] WO 9859144 A1 19981230 - COOK GREGORY H [US], et al
- [X] NL 8502956 A 19870518 - CARMEN FRANCISCA MARIA VAN VIL
- [X] DE 19519529 C1 19960605 - TOP FORM GMBH FENSTER TUEREN U [DE]

Cited by
US2022074262A1; DE10329798A1; DE10329798B4; US10125540B2; US11927055B2

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

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