

Title (en)  
VERTICAL LIFT GATE WITH STRIP CLADDING WITH BENDABLE STRIPS.

Title (de)  
HUBTOR MIT EINEM LAMELLENPANZER MIT ABWINKELBAREN LAMELLEN.

Title (fr)  
PORTE RELEVABLE A BLINDAGE A LAMELLES PLIABLES.

Publication  
**EP 0531327 A1 19930317 (DE)**

Application  
**EP 91909343 A 19910513**

Priority  
• DE 4015214 A 19900511  
• EP 9100887 W 19910513

Abstract (en)  
[origin: DE4015214A1] The gate of the invention comprises two guideways (2, 2') arranged on the opposite sides (3, 3') of the gate aperture (1) and strip cladding (12) with strips (14) arranged on hinge frames (20, 20') spaced in such a way that the hinge pins (24, 24') engage inside a space (34) between adjacent strips (14).  
[origin: DE4015214A1] Two guide tracks (2) are fitted on opposing sides of the gate opening, and a plate armouring (12) covers the gate opening in the closed position. Hinge strips are used which comprises hinge components connected articulately to one another. The hinge components can be angled in relation to one another via pins. The strips are supported and guided in the guide tracks (2). The armouring plates (14) are located on the hinge components, and between them a space is formed in which the hinge pins engage. Sealing fillets are arranged over the total gate width between the hinge strips, and join opposing sides of adjacent plates (14).

Abstract (fr)  
La porte relevable décrite comprend deux glissières de guidage (2, 2') agencées sur les côtés opposés (3, 3') de l'ouverture (1) de la porte et un blindage (12) à lamelles (14) mutuellement espacées, montées sur des charnières plates (20, 20') de sorte que les chevilles (24, 24') des charnières pénètrent dans l'espace (34) compris entre des lamelles adjacentes (14).

IPC 1-7  
**E05D 15/24; E06B 3/48; E06B 9/08**

IPC 8 full level  
**E05D 15/24** (2006.01); **E06B 3/48** (2006.01); **E06B 9/08** (2006.01); **E06B 9/15** (2006.01); **E06B 9/11** (2006.01)

CPC (source: EP US)  
**E06B 3/485** (2013.01 - EP US); **E06B 9/06** (2013.01 - EP US); **E06B 9/0638** (2013.01 - EP); **E06B 9/15** (2013.01 - EP US); **E05D 15/24** (2013.01 - EP US); **E05Y 2201/684** (2013.01 - EP US); **E05Y 2900/00** (2013.01 - EP US); **E05Y 2900/106** (2013.01 - EP US); **E06B 2009/0684** (2013.01 - EP US); **E06B 2009/1527** (2013.01 - EP US); **E06B 2009/1555** (2013.01 - EP US); **E06B 2009/1588** (2013.01 - EP US)

Cited by  
DE102009017767A1; WO2010118767A1; DE102017118959A1; WO2019034323A1; DE102020100932A1; WO2021144056A1;  
DE102020100932B4

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

DOCDB simple family (publication)  
**DE 4015214 A1 19911114**; DE 59101457 D1 19940526; EP 0531327 A1 19930317; EP 0531327 B1 19940420; US 5488982 A 19960206;  
WO 9118178 A1 19911128; YU 100491 A 19940624

DOCDB simple family (application)  
**DE 4015214 A 19900511**; DE 59101457 T 19910513; EP 9100887 W 19910513; EP 91909343 A 19910513; US 4242392 A 19921110;  
YU 100491 A 19910513