

Title (en)

Cover for a servicing hole in the form of a sliding shutter.

Title (de)

Rolladenartige Abdeckung für Montagegruben.

Title (fr)

Couvercle pour fosse de montage en forme d'un volet roulant.

Publication

**EP 0115087 A1 19840808 (DE)**

Application

**EP 83113262 A 19831231**

Priority

- DE 3300463 A 19830108
- DE 3345018 A 19831213

Abstract (en)

1. A cover for a servicing hole in the form of a sliding shutter consisting of a plurality of parallel supporting beams (1), the ends of which provided with guide bodies (8, 38) leaning on rails (10, 11, 36) at the edge of the hole, the rails serving as guide means, whereby the supporting beams (1) are connected at their bottom side by chains (2) running parallelly with the rails (10, 11, 36) and by a drive motor (4) operating the chains (2) is movable from a covering position into a rest position in the hole and vice versa characterized in that each supporting beam (1) is a link of a link chain (2), the joints thereof corresponding to the gaps (3) between the supporting beams and in the covering position arranged at the lower gap end, that the drive motor (4) together with its chain wheel (5) provided with recesses (6) for the chain joints (7) operates the chain in pushing manner during movement into the covering position, and that the guiding surfaces of the guide means (10, 11, 36) for the guide bodies (8, 38) of the supporting beams (1) extend horizontally in the covering position.

Abstract (de)

Die rolladenartige Abdeckung 12 für Montagegruben besteht im wesentlichen aus einer Vielzahl von Tragbalken 1, die durch eine Gelenkkette 2 verbunden sind. Die Kettengelenke sind dabei jeweils am Spalt zwischen den Tragbalken angeordnet. Die Tragbalken liegen auf der Kunststoffauflage 13 der Schiene 11 auf. Die Rollen 8 dienen nur der Führung in den Führungen 10. Die Abdeckung kann schiebend bewegt werden, wobei die Schubkraft über die Gelenkkette 2 eingeleitet wird.

IPC 1-7

**E04H 5/06**

IPC 8 full level

**E04H 5/06** (2006.01)

CPC (source: EP)

**E04H 5/06** (2013.01)

Citation (applicant)

- DE 2646395 A1 19780420 - RHEIN KRAFTFAHRZEUGE
- US 3603046 A 19710907 - HUMPHREY STANLEY JR

Citation (search report)

- [A] GB 2060754 A 19810507 - RHEIN BAYERN FAHRZEUGBAU GMBH
- [AD] DE 2646395 A1 19780420 - RHEIN KRAFTFAHRZEUGE
- [AD] US 3603046 A 19710907 - HUMPHREY STANLEY JR

Cited by

EP2530222A3; US5259482A; EP0462609A1; DE4019779A1; FR2965836A1; EP1759291A4; DE4345415C2; CN109571342A; DE102004041902B4; DE4324339A1; CN102182330A; EP1411187A3; DE3825718A1; EP0353639A1; EP0155401A3; US8191865B2; US8523146B2

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0115087 A1 19840808; EP 0115087 B1 19890308; EP 0115087 B2 19941012; DE 3379338 D1 19890413**

DOCDB simple family (application)

**EP 83113262 A 19831231; DE 3379338 T 19831231**