

Title (en)

A turntable assembly with installed flexible guide ropes, particularly a turntable ladder of a fire-fighting vehicle.

Title (de)

Hubrettungssatz mit verlegten, flexiblen Leitungsstrangen, insbesondere Drehleiter eines Brandschutzfahrzeuges.

Title (fr)

Ensemble tournant avec cordes flexibles de guidage, en particulier échelle tournante pour véhicule de lutte contre l'incendie.

Publication

EP 0636762 A1 19950201 (EN)

Application

EP 94111905 A 19940729

Priority

DE 4325597 A 19930730

Abstract (en)

2. In a turntable assembly (1), particularly a turntable ladder of a fire-fighting vehicle, having a ladder assembly and flexible guide ropes (8, 9) laid to the top of the ladder and which are passed over deflection units (10) attached to the end faces of ladder diagonals (7), at least one deflection unit (10) has a row of rollers (11) disposed substantially in a semicircle, via which a guide rope (8) is guided along the semicircular arc which determines the radius of deflection (R) of the guide rope (8), the rollers (11) having a radius (r) which is very small compared with the radius of deflection (R). By this means a very compact design of deflection unit for a plurality of guide ropes can be achieved, without the guide ropes being subjected to excessive bending. <IMAGE>

IPC 1-7

E06C 5/04; **B67D 5/365**; **A62C 33/04**

IPC 8 full level

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CPC (source: EP)

B67D 7/40 (2013.01); **E06C 5/04** (2013.01)

Citation (search report)

- [YA] DE 2123419 A1 19721123
- [YA] EP 0379742 A1 19900801 - KOPPENS AUTOMATIC FABRIEKEN BV [NL]
- [A] AU 520084 B2 19820114 - ABBEY ENGINEERING PTY LTD
- [A] US 2732992 A 19560131
- [A] US 2660337 A 19531124 - HARKS WALTER M
- [A] US 2601073 A 19520617 - BERNARD WAGNER
- [A] DE 1014452 B 19570822 - GILBERT & BARKER MFG CO
- [A] US 2776093 A 19570101 - COX JAMES H, et al
- [A] GB 2143885 A 19850220 - IVECO MAGIRUS

Cited by

CN106080617A

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AT CH DE ES FR GB IT LI SE

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EP 0636762 A1 19950201; **EP 0636762 B1 19971217**; AT E161313 T1 19980115; DE 4325597 A1 19950202; DE 69407356 D1 19980129; DE 69407356 T2 19980520; ES 2111812 T3 19980316

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