

Title (en)
Fall arrest self rescuing trolley and system including the same

Title (de)
Selbstbergender Wagen mit Fallschutz und System damit

Title (fr)
Chariot de secours automatique antichute et système l'incluant

Publication
EP 2407210 A1 20120118 (EN)

Application
EP 10166139 A 20100616

Priority
EP 10166139 A 20100616

Abstract (en)
A trolley and fall arrest safety system is disclosed for movement along an elevated track to support a person who has fallen off of a structure adjacent the track. The trolley is arranged to roll on along a surface of the track in a longitudinal direction to suspend a person therefrom in the event that the person falls from an elevated position adjacent the track. The trolley includes an immobilizing assembly including a flexible strap. The strap is arranged to be pulled by the suspended worker to releasably fix the trolley at a longitudinal position on the track, so that the person can swing himself/herself to move the trolley to a desired safety position.

IPC 8 full level
A62B 35/04 (2006.01)

CPC (source: EP)
A62B 35/0087 (2013.01)

Citation (applicant)

- US 6269904 B1 20010807 - MORHAUS DANIEL W [US]
- US 6334507 B1 20020101 - WESTERWEEL JOZEF M [NL]
- US 6467574 B2 20021022 - LARA PASCAL [FR]
- US 7347300 B2 20080325 - RENTON JULIAN [GB], et al
- US 2006156944 A1 20060720 - VETESNIK JAN [CA]
- US 6378651 B1 20020430 - ECKER TIM WAYNE [US], et al
- US 6488118 B1 20021203 - CORRIVEAU JOHN A [US]
- US 6547033 B1 20030415 - CHEVAL ALAIN [FR]
- US 6837337 B2 20050104 - THOMAS DAVID ALAN [CA], et al
- US 7111707 B2 20060926 - REEVES ERIC W [US]
- US 7341159 B2 20080311 - NELSON ROGER GAIL [US]

Citation (search report)

- [X] US 4545575 A 19851008 - FORJOT ROLAND [FR]
- [XD] WO 0238222 A1 20020516 - LEBLANC LTD [CA], et al
- [A] US 4948118 A 19900814 - MIRAGLIA LOUIS [US]
- [A] EP 0997130 A2 20000503 - FLYNN GILBERT JOHN [GB]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2407210 A1 20120118

DOCDB simple family (application)
EP 10166139 A 20100616