

Title (en)

Mechanical ascending aid for little vehicles of the type toboggan.

Title (de)

Aufstiegshilfe für kleine Fahrzeuge vom Typ Schlitten.

Title (fr)

Dispositif de remontée mécanique pour petits véhicules, du genre luges.

Publication

**EP 0456588 A1 19911113 (FR)**

Application

**EP 91420146 A 19910502**

Priority

FR 9006487 A 19900510

Abstract (en)

This is a mechanical ascending device for toboggans with slides or rollers, running on a track with a concave transverse profile. The device comprises a section of ascending track (1), in which a motorised endless cable (7) circulates. Each toboggan (4) carries a towing clamp (6) which is temporarily clamped on the rising strand of the cable (7). Control ramps (16, 17) ensure the closing of the clamp (6) on the cable (7) at the bottom of the section of track (1) and the opening of this clamp (6) at the top of the section of track (1). <IMAGE>

IPC 1-7

**B61B 9/00**; **B61B 11/00**

IPC 8 full level

**A63G 21/20** (2006.01); **B61B 9/00** (2006.01); **B61B 11/00** (2006.01)

CPC (source: EP)

**B61B 9/00** (2013.01); **B61B 11/008** (2013.01)

Citation (search report)

- [A] EP 0130897 A2 19850109 - BOURGOGNE PLASTIQUES [FR]
- [A] DE 2760186 C2 19850613
- [A] US 3942452 A 19760309 - PECK TRUMAN C

Cited by

EP1346756A1; US10723368B2

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI NL SE

DOCDB simple family (publication)

**EP 0456588 A1 19911113**; FR 2661880 A1 19911115; FR 2661880 B1 19920807; JP H0623150 A 19940201

DOCDB simple family (application)

**EP 91420146 A 19910502**; FR 9006487 A 19900510; JP 10423191 A 19910509