

Title (en)

Trolley with a drive

Title (de)

Flurförderzeug mit Fahrtrieb

Title (fr)

Chariot avec propulsion

Publication

EP 1555238 A3 20070822 (DE)

Application

EP 04028399 A 20041201

Priority

DE 102004002188 A 20040116

Abstract (en)

[origin: EP1555238A2] The trolley has a driver for driving wheels which propels the trolley. A wheel guide is fixed around an axle and allows tilt motion of the trolley. The floors of the trolley is fixed with a load sensitive driver angle and supported over a rigid spring. A break is further fixed to the axle to allow the trolley to be stopped.

IPC 8 full level

B66F 9/075 (2006.01)

CPC (source: EP US)

B66F 9/07586 (2013.01 - EP US)

Citation (search report)

- [XY] EP 1215164 A1 20020619 - STILL GMBH [DE]
- [XA] US 4431084 A 19840214 - JONES ROBERT E [US]
- [Y] DE 1431709 A1 19681205 - LANSING BAGNALL LTD
- [A] DE 3106027 A1 19820902 - JUNGHEINRICH KG [DE]

Cited by

EP4098599A1; DE102021114066A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1555238 A2 20050720; EP 1555238 A3 20070822; EP 1555238 B1 20101013; CN 100393607 C 20080611; CN 1640806 A 20050720; DE 102004002188 A1 20050811; DE 502004011772 D1 20101125; ES 2349634 T3 20110107; US 2005156391 A1 20050721

DOCDB simple family (application)

EP 04028399 A 20041201; CN 200510004517 A 20050114; DE 102004002188 A 20040116; DE 502004011772 T 20041201; ES 04028399 T 20041201; US 3127405 A 20050107