

Title (en)

PASSENGER CARRIER FOR AMUSEMENT PARKS

Title (de)

FAHRGASTTRÄGER FÜR VERGNÜGUNGS-FAHRGESCHÄFTE

Title (fr)

PORTE-PASSAGER POUR ATTRACTIONS FORAINES

Publication

**EP 1207949 A1 20020529 (DE)**

Application

**EP 00958345 A 20000801**

Priority

- DE 29913425 U 19990806
- DE 20005822 U 20000329
- EP 0007433 W 20000801

Abstract (en)

[origin: WO0110524A1] The invention concerns a passenger carrier (1), mounted in particular on an amusement device, wherein individual passengers (P) can lie down. Said passenger carrier comprises a bottom support (5) and a top cover (6). Said bottom support (5) and/or the top cover are mounted so as to be mobile, preferably so as to pivot, between a closing position, wherein said two elements (5, 6) are almost parallel, and an opening position, wherein they form an angle between them. Said passenger carrier also comprises a locking system (11a, 40a) for locking the support (5) and/or the cover in closing position. Said system has at least first and second locking members arranged relatively mobile to each other. At least one of the locking members is coupled with the cover (6) or with the support (5). The invention is characterised in that the first locking member (11a) has at least first and second rows of several juxtaposed locking elements, preferably orifices (42a, 42b) or locking pawls and prongs. Said rows of elements are almost parallel and the locking elements (42a) are separated by being offset relatively to one another. The second locking member (40a) has at least first and second locking elements, preferably first and second locks, which are mobile between a neutral position outside the first locking member (11a) and a locking position wherein they are meshed in a locking element (42a) of the first locking member (11a). The first locking member is associated with the first row of locking elements and the second locking member is associated with the second row of locking elements.

IPC 1-7

**A63G 7/00**; **A63G 21/20**

IPC 8 full level

**A63G 7/00** (2006.01); **A63G 21/04** (2006.01); **A63G 21/20** (2006.01)

CPC (source: EP)

**A63G 21/20** (2013.01)

Citation (search report)

See references of WO 0110524A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0110524 A1 20010215**; EP 1207949 A1 20020529; JP 2003506170 A 20030218

DOCDB simple family (application)

**EP 0007433 W 20000801**; EP 00958345 A 20000801; JP 2001515033 A 20000801