

Title (en)
Free fall structure for a roller-coaster

Title (de)
Freefall-Turm für eine Achterbahn

Title (fr)
Structure à chute libre pour montagnes russes

Publication
EP 1184062 B1 20060614 (DE)

Application
EP 01111924 A 20010518

Priority
DE 10042597 A 20000830

Abstract (en)
[origin: DE10042597C1] The free-fall tower (10) has a vertical rail system (28) for movement of a passenger carriage (20) from the base to the top of the tower, before free-fall of the passenger carriage from the top of the tower. The passenger carriage is rotated about a vertical axis (17) adjacent the top of the tower, for transfer to a different rail system used for the free-fall of the passenger carriage.

IPC 8 full level
A63G 31/08 (2006.01); **A63G 7/00** (2006.01); **A63G 21/04** (2006.01); **A63G 21/08** (2006.01); **A63G 21/14** (2006.01)

CPC (source: EP)
A63G 7/00 (2013.01); **A63G 21/04** (2013.01); **A63G 31/08** (2013.01); **A63G 2031/002** (2013.01)

Cited by
EP1525909A1; CN107510940A; EP4252878A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1184062 A2 20020306; EP 1184062 A3 20030129; EP 1184062 B1 20060614; AT E329669 T1 20060715; DE 10042597 C1 20020124; DE 50110119 D1 20060727; DK 1184062 T3 20060731; ES 2266048 T3 20070301; JP 2002085857 A 20020326; PT 1184062 E 20060929

DOCDB simple family (application)
EP 01111924 A 20010518; AT 01111924 T 20010518; DE 10042597 A 20000830; DE 50110119 T 20010518; DK 01111924 T 20010518; ES 01111924 T 20010518; JP 2001183986 A 20010618; PT 01111924 T 20010518