

Title (en)
Looping the loop swing with parallel rows of seats

Title (de)
Überschlagschaukel mit parallelen Sitzreihen

Title (fr)
Balançoire bouclant la boucle avec des rangées de sièges parallèles

Publication
EP 0433557 B2 19990203 (DE)

Application
EP 90116744 A 19900831

Priority
DE 8914828 U 19891218

Abstract (en)
[origin: EP0474260A2] The gondola (10) of a swingboat turning full circle and accommodating a plurality of passengers is suspended so that it oscillates between two parallel booms (5). The booms (5) are pivotally mounted about an axis (7) running horizontally between two vertical columns (2, 3) and can be motor-driven. The passenger gondola (10) is cardan-suspended on the ends of the booms (5). The booms (5) are synchronously driven and for this purpose are coupled together by a shaft (7). The cardan suspension of the passenger gondola (10) is achieved by means of pendulum arms (10a) on shafts (25) running transversely to the pendulum axis (11). The deflection of the shafts (25) in relation to the booms (5) is limited to a small angle. <IMAGE>

IPC 1-7
A63G 9/08; A63G 27/02

IPC 8 full level
A63G 9/04 (2006.01); **A63G 9/08** (2006.01); **A63G 9/16** (2006.01); **A63G 9/22** (2006.01); **A63G 27/02** (2006.01)

CPC (source: EP)
A63G 9/08 (2013.01); **A63G 27/02** (2013.01); **A63G 2200/00** (2013.01)

Cited by
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EP 0474260 A2 19920311; EP 0474260 A3 19920325; EP 0474260 B1 19940720; AT E108683 T1 19940815; AT E82695 T1 19921215; DE 59000507 D1 19930107; DE 59006524 D1 19940825; DE 8914828 U1 19910411; EP 0433557 A1 19910626; EP 0433557 B1 19921125; EP 0433557 B2 19990203; ES 2036385 T3 19930516; ES 2036385 T5 19990616; ES 2057710 T3 19941016; JP 2960157 B2 19991006; JP H03212285 A 19910917

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