

Title (en)  
LOOPING THE LOOP DURING WITH CARDAN SUSPENDED GONDOLA FOR PASSENGERS

Publication  
**EP 0474260 A3 19920325 (DE)**

Application  
**EP 91117428 A 19900831**

Priority  
• DE 8914828 U 19891218  
• EP 90116744 A 19900831

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  
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CPC (source: EP)  
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Citation (search report)  
• [AD] EP 0231051 A2 19870805 - KNIJPSTRA KONSTR BV [NL]  
• [AD] DE 3321599 A1 19850117 - WINTER WALTER  
• [A] EP 0140238 A2 19850508 - VEEN GUUS V D

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