

Title (en)  
Swing with braking means.

Title (de)  
Schaukel mit Bremsvorrichtung.

Title (fr)  
Balançoire avec dispositif de freinage.

Publication  
**EP 0096101 A1 19831221 (DE)**

Application  
**EP 82105288 A 19820616**

Priority  
EP 82105288 A 19820616

Abstract (en)  
1. A swing having at least two swing rods (4, 4') which have their upper ends connected to a horizontal suspension bar (3) for pivoting movement about a horizontal axis of rotation, and wherein there is provided between at least one of said swing rods and said suspension bar, a brake device (9) which becomes effective when a permissible angle of deflection of said swing rods is exceeded, characterized in that the upper ends of the swing rods (4, 4') are each mounted on a horizontal axle between a pair of approximately vertically extending girder plates (2, 2') rigidly joined to the suspension bar (3) ; that each horizontal axle (or shaft) comprises a threaded bolt (5) passing through said two girder plates (2, 2') and the corresponding end of said swing rods (4, 4'), the one end of said bolt being formed by a head (6) and the other end by threads (10) having threaded thereonto a nut (11) for clamping the girder plates (2, 2') ; that one end of each bolt (5) is fixed against rotation to one of said girder plates (2, 2') by means for transfer elements (14), respectively, and said nut (11) is fixed against rotation to the corresponding swing rod (4, 4') on the opposite end of the bolt (5) ; and that one friction-increasing brake disk (9) is disposed between the inner sides of the girder plates (2, 2') and the outer sides of the upper ends of the swing rods (4, 4').

Abstract (de)  
Schaukel mit einer Vorrichtung zum weichen Abbremsen der Schaukelauslenkung in ihrem oberen Totpunkt, die am oberen Ende der Schwingstangen mit dem waagerechten Tragholm eines Schaukelgestells verbunden ist und folgende Merkmale aufweist: - Trägerscheiben (2, 2'), am Tragholm (3), zwischen denen zu beiden Seiten des Tragholms (3) die Enden der Schwingstangen (4, 4') drehbar gelagert sind, - Achsen (5, 5') für die Schwingstangen (4, 4'), die an einem Ende drehfest gelagert sind und am anderen Ende Gewinde (10) und die Trägerscheiben (2, 2') einspannende Muttern (11) aufweisen, - mit den Muttern (11) drehbare Übertragungselemente (14, 15) an den Schwingstangen (4, 4') und - zwischen Trägerscheiben (2, 2') und den Enden der Schwingstangen (4, 4') angeordnete Brems Elemente (9).

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**A63G 9/12** (2013.01); **A63G 9/22** (2013.01)

Citation (search report)  
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• [A] GB 283452 A 19280112 - RALPH WICKSTEED, et al  
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