

Title (en)
Safety hinge

Title (de)
Sicherheitsscharnier

Title (fr)
Charnière de sécurité

Publication
EP 0868869 B1 20030528 (EN)

Application
EP 98201007 A 19980331

Priority
NL 1005696 A 19970401

Abstract (en)
[origin: EP0868869A1] A device for allowing two legs, such as two tubes of a deck chair, to hinge safely relative to one another, consisting of a housing on which the one leg is fixedly arranged and a hinge shaft round which the other leg is hingedly arranged, wherein the other leg comprises two extreme positions, wherein the housing comprises two walls extending parallel to the one leg and having an interspace roughly equal to the thickness of the other leg, the hinge shaft extends transversely through the walls, a connecting surface extends between the walls coaxially round the hinge shaft to form a space opening to the outside, wherein the end of the other leg protruding into this space extends as far as the connecting surface, and a stop for the other leg is arranged recessed into the housing between the walls and at a distance from the hinge shaft, wherein the distance between the stop surface and the fixed leg is minimally the safety distance, such that in folded-down position the legs run roughly parallel without there being a danger of limbs, fingers, being trapped. <IMAGE>

IPC 1-7
A47C 4/44; **A47C 4/20**

IPC 8 full level
A47C 4/20 (2006.01); **A47C 4/44** (2006.01)

CPC (source: EP)
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EP 0868869 A1 19981007; **EP 0868869 B1 20030528**; AT E241298 T1 20030615; DE 69814964 D1 20030703; DE 69814964 T2 20040129; DK 0868869 T3 20030901; ES 2195268 T3 20031201; NL 1005696 C2 19981005; PT 868869 E 20031031; SI 0868869 T1 20031031

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