

Title (en)  
LIFTING DEVICE TO BE ATTACHED TO HOSPITAL BEDS

Publication  
**EP 0222375 B1 19890524 (DE)**

Application  
**EP 86115666 A 19861112**

Priority  
DE 3540302 A 19851113

Abstract (en)  
[origin: US4847930A] A raising device for attachment to hospital beds consists of an oval tube mounted in a support and which can be rotated and locked in any desired position of rotation, on whose upper free end a handgrip is arranged by which the patient can pull himself up. He can swing himself to the edge of the bed by rotation of the oval tube, and as soon as the oval tube is pre-loaded in an axial direction a clutch engages which is built in to a support arranged on the bed-head. The clutch consists of a clutch member connected as an axial extension of the oval tube which has an axial shoulder formed as a cone which engages in a corresponding conical recess of a radially expandable brake shoe whose outer circumference can be pressed in a free-locking fashion against the inner side of a bearing cup which is a bearing for the clutch. Such a clutch enables the rotational position of the oval tube to be locked in any desired angular position.

IPC 1-7  
**A61G 7/06**

IPC 8 full level  
**A61G 7/053** (2006.01)

CPC (source: EP US)  
**A61G 7/0533** (2013.01 - EP US)

Cited by  
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Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0222375 A2 19870520; EP 0222375 A3 19871111; EP 0222375 B1 19890524;** AT E43239 T1 19890615; DE 3540302 A1 19870514; DE 3540302 C2 19890209; DE 3663447 D1 19890629; ES 2009766 B3 19891016; GR 3000137 T3 19901129; US 4847930 A 19890718

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