

Title (en)  
FOLDING MECHANISM FOR A FOLDING WHEELCHAIR, BACKREST POST FOR WHEELCHAIR AND WHEELCHAIR

Title (de)  
KLAPPMECHANISMUS FÜR EINEN KLAPPROLLSTUHL, RÜCKENLEHNE FÜR ROLLSTUHL UND ROLLSTUHL

Title (fr)  
MÉCANISME DE PLIAGE POUR PLIER UN FAUTEUIL ROULANT, MONTANT DE DOSSIER POUR FAUTEUIL ROULANT AINSI QUE FAUTEUIL ROULANT

Publication  
**EP 3041446 A4 20170823 (EN)**

Application  
**EP 14843064 A 20140903**

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Abstract (en)  
[origin: WO2015034372A1] A folding mechanism (1) for a folding wheelchair (4) arranged to take a folded position and an unfolded position, the wheelchair (4) including a seat (14) and an articulated frame (12), the articulated frame (12) including two cheeks (121a, 121b), the cheeks (121a, 121b) being articulately connected to least a first link mechanism (122a) and a second link mechanism (122b), each link mechanism (122a, 122b) consisting of at least a first link (1221) and a second link (1222), each link (1221, 1222) being hingedly attached, at one end portion, to one cheek (121a, 121b), and the first link (1221) being connected, at its second end portion, to a hinge element (123), and the second link (1222) being connected, at its second end portion, to the hinge element (123), the first link (1221) forming a first stop surface (101) at its second end portion, and the second link (1222) forming a second stop surface (109) at its second end portion so that when the wheelchair (4) is in its unfolded position, the first stop surface (101) abuts against the second stop surface (109); and the hinge element (123) being provided with a pin (103) projecting from the hinge element (123) in a folding direction (Ff); and the folding mechanism (1) further including a handle (17) which is resiliently attached to the pin (103) so that the handle (17) is resiliently and lockingly pressing against the side surface (1221') of the first link (1221) and the side surface (1222') of the second link (1222) when the wheelchair (4) is in its unfolded position.

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• [X] DE 29818627 U1 19990401 - HWK HAGSFELDER WERKSTAETTEN UN [DE]  
• See references of WO 2015034372A1

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