

Title (en)  
Bath lift for elderly and disabled persons

Title (de)  
Badewannenlifter für Senioren und Behinderte

Title (fr)  
Élévateur de bain pour personnes âgées et handicapés

Publication  
**EP 1285645 A3 20040128 (DE)**

Application  
**EP 02017331 A 20020802**

Priority  
DE 10140847 A 20010821

Abstract (en)  
[origin: EP1285645A2] Bath lift for elderly and disabled people comprises a scissor jack (3) for adjusting the height of a seat plate relative to a base frame, a back rest connected to the seat plate, a telescopic lifting device (52) connected on one side to the back rest and the seat plate and supported on the other side on the base frame, and a drive device driving the lifting device. The lifting device has a drive wheel (32) forming a gear (50) with a drive wheel connected to the drive device. The two gear wheels are separated from each other by a tensile force acting on the lifting device and resulting from clamping a body part of the user. Preferred Features: The gear is a toothed gear or bevel gear pair. The lifting device drive wheel is brought into contact with the drive device drive wheel by means of a pressure spring (39).

IPC 1-7  
**A61G 7/10**

IPC 8 full level  
**A61G 7/10** (2006.01)

CPC (source: EP)  
**A61G 7/1003** (2013.01); **A61G 7/1019** (2013.01); **A61G 7/1059** (2013.01)

Citation (search report)  
• [A] GB 2234491 A 19910206 - HOOKER JOHN ALFRED, et al  
• [A] DE 19833384 A1 20000127 - AQUATEC PETER SCHMIDT GMBH [DE]  
• [A] US 5708992 A 19980120 - GOBBERS WALTER [DE], et al  
• [A] DE 19532595 C1 19960808 - FORWICK ROBERT [DE]

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DOCDB simple family (publication)  
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DE 10140847 A1 20030306; DE 50205409 D1 20060202

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