

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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