

Title (en)  
Elevating device for sanitary appliance

Title (de)  
Hebevorrichtung für einen Sanitärapparat

Title (fr)  
Dispositif de levage pour l'appareil sanitaire

Publication  
**EP 1612338 A1 20060104 (DE)**

Application  
**EP 04405409 A 20040702**

Priority  
EP 04405409 A 20040702

Abstract (en)  
The lift for a water closet bowl has upright guides (18) on which the bowl is mounted. Controls (10) are provided to raise and lower the bowl. The bowl has a counterweight of matching weight and its support panel (8). The bowl can be pushed down by hand and raised by the counterweight. The counterweight and bowl can be connected by a cable.

IPC 8 full level  
**E03C 1/328** (2006.01)

CPC (source: EP)  
**E03C 1/324** (2013.01); **E03D 11/12** (2013.01); **E03D 11/125** (2013.01)

Citation (search report)

- [X] US 3486175 A 19691230 - SCHWARTZ LOUIS
- [X] AT 197558 B 19580510 - AUER KARL
- [X] WO 2004046473 A1 20040603 - MENDEZ MONTERO YOLANDA [ES], et al
- [X] GB 2021401 A 19791205 - BRILL EDWARDS K O P
- [X] DE 9001456 U1 19910606
- [A] US 5628075 A 19970513 - DUDNIK GEORGE [US], et al
- [A] US 5230109 A 19930727 - ZACCAI GIANFRANCO [US], et al

Cited by  
DE202012008864U1; DE102009030490A1; EP2161381A3; NL1037141C2; CN105926708A; EP2354336A1; FR2956132A1; CN105951933A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

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