

Title (en)  
Turntable ladder set with a levelling device for the rotatable superstructure

Title (de)  
Drehleiter mit Nivelliervorrichtung für den drehbaren Aufbau

Title (fr)  
Échelle tournante avec dispositif de nivellement pour la superstructure rotative

Publication  
**EP 2177709 B1 20110601 (EN)**

Application  
**EP 08166880 A 20081017**

Priority  
EP 08166880 A 20081017

Abstract (en)  
[origin: EP2177709A1] Levelling device (10) for a turntable ladder, a boom or similar, with a multi-part rotating frame, one part of which is formed by a base (14), which is mounted on an understructure by means of a first turntable (20), which can be rotated around an upright axis by means of a rotary drive (26) attached to the understructure, and a further part formed by a superstructure (12) supporting the ladder or similar, which is connected with base (14) in such a manner that it can be pivoted around a connecting axis which is inclined relative to the upright axis, said superstructure (12) being pivotable relative to base (14) by means of a pivot drive, characterised in that base (14) has an approximately wedge-shaped cross-section, and in that superstructure (12) is mounted on base (14) by means of a second turntable (32), which lies in a plane (E 1 ) that is inclined relative to the first turntable (20).

IPC 8 full level  
**E06C 5/40** (2006.01); **B66F 11/04** (2006.01)

CPC (source: EP)  
**B66C 23/86** (2013.01); **B66F 11/044** (2013.01); **E06C 5/06** (2013.01)

Cited by  
CN103641046A; JP2012214291A; CN113353862A

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