

Title (en)
Load-lifting system

Title (de)
Lasthebesystem

Title (fr)
Système de levage de charge

Publication
EP 2322465 B1 20130227 (EN)

Application
EP 09175971 A 20091113

Priority
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Abstract (en)
[origin: EP2322465A1] A load-lifting system (10) comprising a first (1a) and a second (1b) part that are displaceable in relation to each other by means of a guide roller arrangement (20) is disclosed. The load-lifting system (10) comprises a stub shaft (21) arranged on the second part (1b); a roller bearing (22) mounted on the stub shaft (21), the roller bearing comprising an outer rotatable bearing element (22a) forming a guide roller, arranged to be in contact with a channel (2a) in the first part; and at least one displaceable shim (23), arranged on the stub shaft (21) between the second part (1b) and the roller bearing (22), for displacing the roller bearing (22) laterally relative the second part (1b), the displaceable shim (23) being radially insertable to the stub shaft (21), to partially surround the stub shaft (21). A corresponding method for adjusting the load-lifting system (10) is also disclosed.

IPC 8 full level
B66F 9/08 (2006.01); **B66F 9/14** (2006.01)

CPC (source: EP)
B66F 9/08 (2013.01); **B66F 9/085** (2013.01)

Citation (examination)

- EP 1308382 A2 20030507 - SHIMANO KK [JP]
- US 4060301 A 19771129 - BEATTY ALBERT W
- US 5316061 A 19940531 - LEE LEONARD G [CA]
- DE 102004051604 A1 20060504 - BRUECKL GES FUER BEFESTIGUNGSS [DE]

Cited by
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