

Title (en)
Telescopic crane with a superlift device

Title (de)
Teleskopkran mit Superlifteinrichtung

Title (fr)
Grue télescopique avec un système de super-levage

Publication
EP 1266861 B1 20031210 (DE)

Application
EP 02090212 A 20020611

Priority
DE 10129022 A 20010613

Abstract (en)
[origin: EP1266861A1] The cantilevered arm has a base-case (4) with several telescopic lengths (5-8) and with bracing (11) in the form of a superlift arrangement. The bracing leads over the peak of a bracing block (14) erected on the back of the base-case and consisting of two parts. A lower bracing (12) of fixed length extends as far as the bottom end of the base case. A top flexible bracing (13) of variable length leads from a fixture point in the top of the cantilevered arm to the peak of the bracing block. The bracing is held taut by a tensioning arrangement consisting of an accumulator for the flexible top bracing and a separate attachment (16).

IPC 1-7
B66C 23/82; B66C 23/36; B66C 23/69; B66D 5/16

IPC 8 full level
B66C 23/36 (2006.01); **B66C 23/687** (2006.01); **B66C 23/69** (2006.01); **B66C 23/82** (2006.01); **B66D 5/16** (2006.01)

CPC (source: EP)
B66C 23/828 (2013.01); **B66D 5/16** (2013.01)

Cited by
CN102735440A; CN109052127A; CN102515039A; CN102267670A; CN103420281A; JP2019524603A; CN102431913A; CN104495624A; US7617943B2; CN102659038A; CN102431899A; CN112079268A; CN103434952A; CN103787197A; CN104016249A; US11130659B2; US11174137B2; WO2013075454A1; WO2018029306A1; WO2022151683A1

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