

Title (en)
A CRANE FOR LIFTING A LOAD

Title (de)
LASTHEBEKRAN

Title (fr)
GRUE POUR SOULEVER UNE CHARGE

Publication
EP 2542495 B1 20210217 (EN)

Application
EP 11716649 A 20110228

Priority
• IT BO20100120 A 20100301
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Abstract (en)
[origin: WO2011107929A2] A crane for lifting a load is applicable to a vehicle, in particular a motor vehicle or truck and comprises an extensible arm which is articulated at a respective end (3') to a pivoting arm and which can be lifted and lowered relative to the latter. The extensible arm (3) comprises a member (31) which is articulated to the pivoting arm from which extend a plurality of sliding members (40, 33, 34, 35, 36, 37, 38, 39), terminating with an end sliding member (40). The members (31, 40, 33, 34, 35, 36, 37, 38, 39) of the extensible arm (3) are coaxially inserted inside one another and are telescopically movable relative to each other between a respective retracted position and a respective extended position under the action of corresponding telescopic drive means (4). The telescopic drive means (4) comprise a first and a second actuator which are located inside respective members (31, 40, 33, 34, 35, 36, 37, 38, 39) of the extensible arm (3).

IPC 8 full level
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CPC (source: EP)
B66C 23/705 (2013.01); **B66C 23/707** (2013.01); **B66C 23/708** (2013.01)

Citation (examination)
JP H11301976 A 19991102 - TADANO LTD

Citation (opposition)
Opponent : Palfinger AG
• EP 1321426 A1 20030625 - DEMAG MOBILE CRANES GMBH & CO [DE]
• JP 2004210517 A 20040729 - TADANO LTD
• US 3770138 A 19731106 - CHALUPSKY P, et al
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• JP H11301976 A 19991102 - TADANO LTD
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