

Title (en)
AN APPARATUS FOR LIFTING AND TRANSPORTING A LOAD

Title (de)
VORRICHTUNG ZUM HEBEN UND TRANSPORTIEREN VON LASTEN

Title (fr)
APPAREIL PERMETTANT DE SOULEVER ET DE TRANSPORTER UNE CHARGE

Publication
EP 3130557 B1 20200325 (EN)

Application
EP 16182807 A 20111018

Priority

- IT BO20110226 A 20110427
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- IB 2011054633 W 20111018

Abstract (en)
[origin: WO2012146956A1] An apparatus (10) for lifting and transporting a load, in particular in the form of a container (11), comprises a supporting frame (12), means or wheels (16, 18) for moving the apparatus relative to the ground, means (20) for lifting the load comprising a respective mast having a first part (20a) connected to the frame (12) and a second part (20b) extendable relative to the first part (20a), and means (22) for gripping the load, able to move along the mast (20). The apparatus also comprising traction or movement driving means (24, 24) and means (26, 26) for driving the lifting of the load gripping means, the traction means (24, 24) and/or the means (26, 26) for driving the lifting being in the form of corresponding electric motor means which are powered by corresponding electricity accumulator means (30) through corresponding control means (314, 314, 316, 316). The apparatus is such that, advantageously, during the lowering strokes of the extendable part of the mast, the electric motor means (26, 26) of the lifting means (20) are designed to act as means for generating electricity, which is supplied to the electricity accumulator means (30).

IPC 8 full level
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CPC (source: EP FI)
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Citation (examination)

- WO 2010114036 A1 20101007 - HITACHI CONSTRUCTION MACHINERY [JP], et al & US 2011313608 A1 20111222 - IZUMI SHIHO [JP], et al
- WO 03086944 A1 20031023 - SKF AB [SE], et al

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