

Title (en)

ELECTRICALLY-POWERED INDUSTRIAL TRUCK

Title (de)

ELEKTRISCH BETRIEBENES FLURFÖRDERZEUG

Title (fr)

CHARIOT DE MANUTENTION À ALIMENTATION ÉLECTRIQUE

Publication

EP 4234476 A1 20230830 (EN)

Application

EP 22209788 A 20221128

Priority

IT 202200003464 A 20220224

Abstract (en)

An electrically-powered industrial truck includes:-a lifting assembly for lifting a load,-a counterweight (11) opposite to the lifting assembly for balancing the weight of the lifting assembly and of a load lifted by the lifting assembly,-a front frame portion (13) configured for supporting the lifting assembly, and-a battery assembly (12),characterized in that the battery assembly (12) includes:-a housing (15) including a recess (16) for receiving one or more battery cells and-two longitudinal members (14) connected to the housing (15) on opposite lateral sides of the recess (16), wherein the longitudinal members (14) connect the counterweight (11) and the front frame portion (13) on opposite lateral sides of the electrically-powered industrial truck and are configured to transfer forces between the counterweight (11) and the front frame portion (13) during operation of the electrically-powered industrial truck.

IPC 8 full level

B66F 9/075 (2006.01)

CPC (source: EP)

B66F 9/07513 (2013.01)

Citation (search report)

- [XY] DE 102011004603 A1 20120614 - JUNGHEINRICH AG [DE]
- [X] EP 3584212 A2 20191225 - HYSTER YALE GROUP INC [US]
- [A] DE 102012211014 A1 20140102 - JUNGHEINRICH AG [DE]
- [Y] US 2018079632 A1 20180322 - PLACHTA DOMINIK [DE], et al
- [Y] US 2019389705 A1 20191226 - RADTKE FABIAN [DE], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

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