

Title (en)

VEHICLE CRANE SYSTEM HAVING AN ATTACHMENT PART TRANSPORTING UNIT FOR A BRACING DEVICE, IN PARTICULAR A LATERAL SUPERLIFT, OF A VEHICLE CRANE

Title (de)

FAHRZEUGKRANSYSTEM MIT EINER ANBAUTEIL-TRANSPORTEINHEIT FÜR EINE ABSPANNEINRICHTUNG, INSbesondere EINEN SEITLICHEN SUPERLIFT, EINES FAHRZEUGKRANS

Title (fr)

SYSTÈME DE GRUE AUTOMOTRICE COMPRENANT UNE UNITÉ DE TRANSPORT DE PIÈCE DE MONTAGE POUR UN DISPOSITIF D'ANCRAGE, EN PARTICULIER UN SUPERLIFT LATÉRAL, D'UNE GRUE AUTOMOTRICE

Publication

EP 3833627 A1 20210616 (DE)

Application

EP 19750104 A 20190801

Priority

- DE 102018119316 A 20180808
- EP 2019070757 W 20190801

Abstract (en)

[origin: WO2020030520A1] The invention relates to a vehicle crane system (1) comprising a vehicle crane (2) with an attachment part (7), in particular a bracing device, which can be mounted on and removed from the telescopic jib (3) of the vehicle crane, and to an attachment part transporting unit (5), designed for transporting the attachment part (7), for an attachment part (7) of a telescopic jib (3) of a vehicle crane (2). According to the invention, to make transporting and moving the attachment part (7) more economical and practicable overall, a mobile transporting device (6) is provided, which is designed for transporting the attachment part (7) and has at least one loading arm (13), the free supporting end (15) of which can be coupled to the attachment part (7) carried or to be carried on the transporting device (6). The loading arm (13) is arranged movably on the transporting device (6) such that the attachment part (7) can be moved between the transporting device (6) and the telescopic jib (3). Furthermore, the transporting device (6) has a tilting device (9) which is designed for raising and lowering one side of the attachment part (7) carried or to be carried on the transporting device (6).

IPC 8 full level

B66C 23/36 (2006.01); **B66C 23/70** (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP US)

B66C 23/365 (2013.01 - EP US); **B66C 23/701** (2013.01 - EP); **B66C 23/826** (2013.01 - EP US)

Citation (search report)

See references of WO 2020030520A1

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 MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102018119316 A1 20200213; EP 3833627 A1 20210616; EP 3833627 B1 20220706; JP 2021533055 A 20211202; JP 7376570 B2 20231108; US 11772940 B2 20231003; US 2021292136 A1 20210923; WO 2020030520 A1 20200213

DOCDB simple family (application)

DE 102018119316 A 20180808; EP 19750104 A 20190801; EP 2019070757 W 20190801; JP 2021506524 A 20190801; US 201917266454 A 20190801