

Title (en)
BOOM WITH MOVEABLE COUNTER WEIGHT

Title (de)
AUSLEGER MIT BEWEGLICHEM GEGENGEWICHT

Title (fr)
FLÈCHE À CONTREPOIDS MOBILE

Publication
EP 3738918 A1 20201118 (EN)

Application
EP 19174455 A 20190514

Priority
EP 19174455 A 20190514

Abstract (en)
The present disclosure relates to a boom (1) for a flat-top crane (2). The boom (1) comprises an elongated frame arrangement (3) and a counterweight (4) and being characterized in that the counterweight (4) is movably attached to the elongated frame arrangement (3) such that it can move along at least 50 % of the length of the elongated frame arrangement (3). The present disclosure also provides a flat-top crane (2) comprising a boom (1) according to boom a tower attachment arrangement (7) for attaching the boom (1) to a tower, the tower attachment arrangement (7) being arranged such that the boom (1) protrudes on both sides of the attachment arrangement. The flat-top crane (3) being characterized in that the counterweight (4) of the boom (1) is movably attached to the boom (1) such that it can pass the tower attachment arrangement (7) and be moved between the protrusions of the boom (1).

IPC 8 full level
B66C 23/26 (2006.01); **B66C 23/72** (2006.01)

CPC (source: EP)
B66C 23/26 (2013.01); **B66C 23/72** (2013.01)

Citation (search report)
• [XAI] US 4067446 A 19780110 - RAY LOUIS F
• [XA] US 3722705 A 19730327 - GOULD C
• [XA] CN 202016814 U 20111026 - INST OF BUILDING MECHANIZATION OF CHINESE ACADEMY OF BUILDING RES, et al
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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)
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