

Title (en)

Superstructure for a movable work device

Title (de)

Oberwagenkonstruktion eines verfahrbaren Arbeitsgerätes

Title (fr)

Châssis porteur pour un appareil de travail mobile

Publication

EP 2177670 B1 20140312 (DE)

Application

EP 09012099 A 20090923

Priority

DE 202008013896 U 20081017

Abstract (en)

[origin: EP2177670A1] The equipment has an undercarriage (1) at which a chassis (2) is arranged, and an upper carriage (3) rotatably arranged around a vertical rotational axis (30) on the undercarriage. A two-part supporting steel structure of the upper carriage is formed from two elements that are connected with each other by bolts and/or screws. A swing bearing (4) for rotatable linkage of the upper carriage to the undercarriage and a connection region for connection with an arm (5), beam or working tool are arranged at one of the elements.

IPC 8 full level

E02F 9/08 (2006.01); **B66C 23/84** (2006.01); **E02F 9/00** (2006.01); **F16B 19/02** (2006.01)

CPC (source: EP US)

E02F 9/006 (2013.01 - EP US); **E02F 9/0808** (2013.01 - EP US); **Y10T 403/32861** (2015.01 - EP US); **Y10T 403/7056** (2015.01 - EP US)

Citation (examination)

- JP 2000038742 A 20000208 - KOMATSU MFG CO LTD
- DE 102004032868 A1 20060209 - LIEBHERR HYDRAULIKBAGGER [DE]

Cited by

DE102011109080A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 202008013896 U1 20100311; DE 102009039918 A1 20100422; EP 2177670 A1 20100421; EP 2177670 B1 20140312; EP 2573280 A2 20130327; EP 2573280 A3 20140514; US 2010096211 A1 20100422; US 8177017 B2 20120515

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