

Title (en)

Crane arm with connecting device for a working implement

Title (de)

Kranarm mit einer Befestigungsvorrichtung für Arbeitsgeräte

Title (fr)

Flèche articulée avec dispositif de fixation pour une machine de travail

Publication

EP 1889808 B1 20090909 (DE)

Application

EP 06007069 A 20060403

Priority

EP 06007069 A 20060403

Abstract (en)

[origin: EP1889808A1] The arm (1) has a fixing device (2) with a crane arm sided swivel joint (4) and a tool sided swivel joint (5) spaced along a vertical axis according to a type of a cardan joint spaced along a vertical axis (x). Hose lines are guided to connections at a rotator arranged between a tool and the tool sided swivel joint. The connections are horizontally directed away from the vertical axis. The crane arm sided swivel joint exhibits two spaced pivot bearings along its rotational axis, and the hose lines run from the crane arm to the connections between the pivot bearings.

IPC 8 full level

B66C 3/00 (2006.01)

CPC (source: EP KR)

B66C 1/28 (2013.01 - KR); **B66C 3/005** (2013.01 - EP)

Cited by

EP2460758A1; EP2789565A1; WO2011142704A1; WO2014092656A1; FR3123909A1; US10100487B2; EP3441531A1; IT201700091689A1; CN109071185A; CN103052589A; EP2558399A4; EP2974990A1; GB2550891A; EP3640514A1; US9708165B2; WO2014081378A1; WO2014129954A1; EP3165494A1; US10156255B2; EP2570379A1; US11028552B2; US11167958B2; WO2017191357A1; WO2017217917A1; WO2023041560A1

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