

Title (en)
Grapple

Title (de)
Greifer

Title (fr)
Grappin

Publication
EP 2371755 A1 20111005 (EN)

Application
EP 10158938 A 20100401

Priority
EP 10158938 A 20100401

Abstract (en)
A grapple (200), configured to be attached to a boom (102) via a rotator unit (104), comprising: processing means for processing objects with the grapple (200), hydraulic circuitry (300) configured to control the processing means, comprising at least one input line (202) of hydraulic fluid routed through the rotator unit (104) and at least one output line (204) of hydraulic fluid routed through the rotator unit (104), electric circuitry configured to control the hydraulic circuitry (300), and configured to receive electric power from a rechargeable power supply (210) within the grapple (200), recharging means (212) for recharging the rechargeable power supply (210), and a hydraulic motor (312) connected to the hydraulic circuitry for driving the recharging means (212).

IPC 8 full level
B66C 1/58 (2006.01)

CPC (source: EP)
B66C 1/58 (2013.01)

Citation (search report)
• [A] WO 2005064090 A2 20050714 - HOLP GMBH [DE], et al
• [A] DE 4008370 A1 19910919 - SIEMENS AG [DE]
• [A] EP 2065331 A2 20090603 - AIRMAX GROUP PLC [GB]

Cited by
CN110035972A; SE544876C2; US11603293B2

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

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
EP 2371755 A1 20111005; EP 2371755 B1 20120822

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