

Title (en)
LOADER WITH LIFTING ARRANGEMENT

Title (de)
LADER MIT HEBEANORDNUNG

Title (fr)
CHARGEUR AVEC AGENCEMENT DE LEVAGE

Publication
EP 3610076 A4 20210127 (EN)

Application
EP 18902641 A 20181123

Priority
• CN 201810076343 A 20180126
• CN 2018117221 W 20181123

Abstract (en)
[origin: US2020208372A1] A loader includes a frame arrangement with a front frame portion and a rear frame portion. The loader includes a lifting arrangement mounted to the front frame portion. The lifting arrangement comprises a main arm provided with a pivot connector at a proximate end and an equipment connector at a distal end. The lifting arrangement includes a main arm support means for pivotably supporting the pivot connector of the main arm. The main arm support means is movable in a direction including a component in a front-rear direction with respect to the front frame portion. The lifting arrangement includes a main arm actuating element for pivoting the main arm such that the equipment connector is movable between a lowered position and a lifted position.

IPC 8 full level
E02F 3/28 (2006.01); **E02F 3/36** (2006.01); **E02F 3/42** (2006.01)

CPC (source: CN EP US)
E02F 3/28 (2013.01 - CN); **E02F 3/283** (2013.01 - US); **E02F 3/3405** (2013.01 - EP US); **E02F 3/3408** (2013.01 - US);
E02F 3/3411 (2013.01 - EP); **E02F 3/3417** (2013.01 - US); **E02F 3/342** (2013.01 - US); **E02F 3/36** (2013.01 - CN); **E02F 3/38** (2013.01 - EP US);
E02F 3/42 (2013.01 - CN US); **E02F 3/422** (2013.01 - US); **E02F 3/431** (2013.01 - US); **E02F 9/0841** (2013.01 - US); **E02F 9/2271** (2013.01 - US);
E02F 9/264 (2013.01 - EP); **E02F 9/0841** (2013.01 - EP)

Citation (search report)
• [XY] US 3519156 A 19700707 - MAGNUSON JOHN E
• [Y] CN 106168040 A 20161130 - LIUGONG MACHINERY CO LTD
• [Y] US 3872991 A 19750325 - PASIDERIS STAMOS I, et al
• [Y] EP 3051032 A2 20160803 - GUANGXI LIUGONG MACHINERY CO [CN]
• [Y] EP 2857590 A2 20150408 - KUBOTA KK [JP]
• See references of WO 2019144686A1

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

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US 2020208372 A1 20200702; CN 110662872 A 20200107; EP 3610076 A1 20200219; EP 3610076 A4 20210127;
WO 2019144686 A1 20190801

DOCDB simple family (application)
US 201816614489 A 20181123; CN 2018117221 W 20181123; CN 201880034080 A 20181123; EP 18902641 A 20181123