

Title (en)

Loader with parallel motion tool linkage

Title (de)

Lader mit einem Führungsgestänge zum parallelen Führen des Werkzeugs

Title (fr)

Chargeur avec mécanisme de commande du déplacement parallèle pour outil de travail

Publication

EP 0744500 B1 20020102 (DE)

Application

EP 96107712 A 19960515

Priority

US 44580795 A 19950522

Abstract (en)

[origin: US5533856A] A front-end loader includes a pair of loader arms and features a parallelogram-shaped plate assembly associated with each arm and having first and second corners respectively pivotally mounted to the forward end of a respective loader arm and to an implement carrier holder and having third and fourth corners respectively pivotally coupled to levelling and tilt linkage assemblies. A tilt cylinder is mounted between the tilt linkage assembly and the parallelogram-shaped plate assembly. The parallelogram-shaped plate assembly serves to transfer levelling linkage and tilt cylinder inputs to an implement carrier holder coupled to a mounting bracket at the rear side of a bucket.

IPC 1-7

E02F 3/627; E02F 3/34; E02F 3/36

IPC 8 full level

E02F 3/34 (2006.01)

CPC (source: EP US)

E02F 3/3408 (2013.01 - EP US); **Y10S 414/13** (2013.01 - EP)

Cited by

US11105065B2; WO2020047465A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

US 5533856 A 19960709; CA 2173396 A1 19961123; CA 2173396 C 19990706; DE 59608528 D1 20020207; EP 0744500 A2 19961127; EP 0744500 A3 19970723; EP 0744500 B1 20020102

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US 44580795 A 19950522; CA 2173396 A 19960403; DE 59608528 T 19960515; EP 96107712 A 19960515