

Title (en)

Front loader with mechanical parallel guide

Title (de)

Frontlader mit mechanischer Parallelführung

Title (fr)

Chargeur frontal doté d'un guidage parallèle mécanique

Publication

EP 1903147 A3 20090318 (DE)

Application

EP 07018540 A 20070921

Priority

DE 102006044533 A 20060921

Abstract (en)

[origin: EP1903147A2] The loader (1) has a mechanical parallel guide comprising a control rod (3) running in all operating positions of the loader for half of the loader length between rod swivel axes (19, 20) within a cross-section of a swinging bar (2). A material distribution of the control rod is offset to a distribution of the swinging bar between a swinging swivel axis (8) and a triangle swivel axis (18) in a backward manner. Mass of the control rod is sixty percentages above a level defined by the rod swivel axes.

IPC 8 full level

E02F 3/34 (2006.01); **E02F 3/627** (2006.01)

CPC (source: EP)

E02F 3/3411 (2013.01); **E02F 3/627** (2013.01)

Citation (search report)

- [A] US 3203564 A 19650831 - BREKELBAUM ERWIN C, et al
- [AD] DE 10162016 A1 20030703 - DEERE & CO [US]
- [A] US 3722724 A 19730327 - BLAKELY R
- [A] US 2645369 A 19530714 - ALLAN FREDERICK W
- [A] US 4825568 A 19890502 - KAWAMURA SHOICHIRO [JP], et al

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US9528242B2; CN107567518A; SE2050817A1; SE544752C2; EP2924178A3; EP2857590A3; US2015098785A1; EP3431668A1; US10208450B2; WO2016176699A1; EP2857590A2; EP2924178A2; US9238899B2; US9238900B2

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AL BA HR MK RS

DOCDB simple family (publication)

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