

Title (en)  
Front loader

Title (de)  
Frontlader

Title (fr)  
Chargeur frontal

Publication  
**EP 2857590 A2 20150408 (EN)**

Application  
**EP 14184536 A 20140912**

Priority  
JP 2013209472 A 20131004

Abstract (en)  
This disclosure provides a front loader which improves operability in a low position operating state. The front loader includes a mechanical posture maintaining mechanism (16) for maintaining the posture of an implement, regardless of swing displacement of a boom (12). The boom (12) is formed in a curved shape in which a longitudinal central side thereof is located above. The posture maintaining mechanism (16) includes a swing link member (28) having an inner free-end part (28A) and an outer free-end part (28B) and disposed at a longitudinal center location of the boom (12) so as to be swingable about a third horizontal pivot (29) as a fulcrum, a base-end link member (30) extending between a fixed bracket (10) and the inner free-end part (28A), and a free-end link member (31) that links the outer free-end part (28B) to the implement. The boom (12) is provided with a base-end boom part (12K) located on the first pivot side from a peak (12a) that is furthest from a center-to-center straight line (La) and a free-end boom part (12L) located on the second pivot side from the peak (12a), and the free-end boom part (12L) is provided with a third pivot (29).

IPC 8 full level  
**E02F 3/34** (2006.01); **E02F 3/43** (2006.01); **E02F 3/627** (2006.01)

CPC (source: EP)  
**E02F 3/3408** (2013.01); **E02F 3/3411** (2013.01); **E02F 3/432** (2013.01); **E02F 3/433** (2013.01); **E02F 3/627** (2013.01)

Citation (applicant)  
EP 1903147 A2 20080326 - STOLL MASCHF GMBH WILHELM [DE]

Cited by  
DE102015218113A1; DE102015218116A1; EP3610076A4; SE2050817A1; SE544752C2

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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)  
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