

Title (en)  
Front end loader

Title (de)  
Frontlader

Title (fr)  
Chargeur frontal

Publication  
**EP 1293611 B1 20081015 (DE)**

Application  
**EP 02450204 A 20020911**

Priority  
AT 14452001 A 20010914

Abstract (en)  
[origin: EP1293611A1] The front loader has a link arm (1) to carry a tool (3), and a storage support (4) with pivoted support foot (6) and support strut (7). The strut is hinged with one end to a locking ratchet, which is held in a slide guide (12) and connected to a drive (16). The ratchet engages into locking toothing along the guide. The slide guide retains the ratchet with a tolerance, which exceeds the depth of the locking engagement, at right angles to the toothing. The ratchet is a double-armed lever, with the drive engaging on one arm, while the other arm forms a stop with the slide guide.

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

CPC (source: EP)  
**E02F 3/6273** (2013.01)

Cited by  
DE102005053041A1; EP1389656A1; EP3159452A1; CN110453739A; CN111411652A; US10508407B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1293611 A1 20030319; EP 1293611 B1 20081015**; AT 414348 B 20151215; AT A14452001 A 20030115; AT E411428 T1 20081015; DE 50212889 D1 20081127

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