

Title (en)
Front loader boom

Title (de)
Frontladerausleger

Title (fr)
Flèche de chargeur frontal

Publication
EP 0982439 B1 20040128 (EN)

Application
EP 99115855 A 19990812

Priority
GB 9818515 A 19980825

Abstract (en)
[origin: EP0982439A1] A front loader consists of two loader arms (1, 18) laterally spaced apart, and which can be hinge-mounted on a carrier vehicle about a horizontal axis. Each arm comprises first and second arm elements (2, 3) and a parallel guide linkage (11-17) to control movement of a work tool (10) when the loader arm is pivoted. In order to accommodate different chordal measurements (S1, S2) whilst retaining the largest possible number of common parts, it is proposed that the loader arms (1, 18) of a range have a common vehicle-end element (3) and the differing chordal measurement (S1, S2) is set by means of elements (2, 19) of differing lengths at the tool -end, the angle subtended by the first joint (7, 22), the second joint (13, 23) and the third joint (14, 20) being of the same size for all loader arms (1, 18) in the range. <IMAGE>

IPC 1-7
E02F 3/34

IPC 8 full level
E02F 3/34 (2006.01); **E02F 3/38** (2006.01)

CPC (source: EP)
E02F 3/34 (2013.01)

Citation (examination)
US 5533856 A 19960709 - FRIESEN HENRY [CA], et al

Cited by
WO2006036105A1

Designated contracting state (EPC)
AT DE FR GB SE

DOCDB simple family (publication)
EP 0982439 A1 20000301; **EP 0982439 B1 20040128**; AT E258624 T1 20040215; CZ 298065 B6 20070613; CZ 303899 A3 20000315; DE 69914424 D1 20040304; DE 69914424 T2 20041111; GB 2340816 A 20000301; GB 2340816 B 20021009; GB 9818515 D0 19981021

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