

Title (en)  
Linkage arrangement

Title (de)  
Gestängeanordnung

Title (fr)  
Agencement de mécanisme de liaison

Publication  
**EP 1013835 A2 20000628 (EN)**

Application  
**EP 00107943 A 19931001**

Priority  
• EP 93922083 A 19931001  
• NZ 24461092 A 19921002

Abstract (en)  
The linkage arrangement supports an implement such that the implement is movable relative to a support member which is also movable relative to a structure, movement of the implement and support member being limited by mechanical and/or mechanically operated limits, the linkage mechanism enabling an increase in the ability to move and orientate the implement within a limit envelope. In a preferred form, a linkage arm (14) is pivotably mounted to a prime mover (12). At a distal end of the said first linkage arm (14) an orientation member (28) is pivotably attached, the orientation member being pivotably attached to a first limit actuating arm (30). The rotation of the first linkage arm (14) causes rotation of said orientation member (28). Said orientation member provides a base for the attachment of a further arm or implement. The further arm or implement is prevented contacting the prime mover by the limits provided by the orientation member (28). <IMAGE>

IPC 1-7  
**E02F 3/36**; **E02F 3/30**; **E02F 3/38**

IPC 8 full level  
**A01D 34/84** (2006.01); **E02F 3/30** (2006.01); **E02F 3/32** (2006.01); **E02F 3/36** (2006.01); **E02F 3/38** (2006.01); **E02F 9/20** (2006.01)

CPC (source: EP)  
**E02F 3/384** (2013.01)

Citation (applicant)  
• US 4403429 A 19830913 - HARINGER ALOIS [IT]  
• US 3313431 A 19670411 - KELLY ALEC J  
• US 4049139 A 19770920 - STEDMAN ROBERT N  
• US 3027026 A 19620327 - HUBERT COUQUET  
• AU 243547 A

Cited by  
WO2006123948A2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9408099 A1 19940414**; AU 4683297 A 19980226; AU 5119993 A 19940426; AU 687757 B2 19980305; EP 0663033 A1 19950719; EP 0663033 A4 19961204; EP 1013835 A2 20000628; JP H08501848 A 19960227

DOCDB simple family (application)  
**NZ 9300089 W 19931001**; AU 4683297 A 19971202; AU 5119993 A 19931001; EP 00107943 A 19931001; EP 93922083 A 19931001; JP 50892794 A 19931001