

Title (en)
Scissor Lifts

Title (de)
Scherenhebevorrichtungen

Title (fr)
Dispositifs de levage à ciseaux

Publication
EP 0937677 A2 19990825 (EN)

Application
EP 99301122 A 19990216

Priority
GB 9803600 A 19980221

Abstract (en)
A lift is disclosed comprising two leg members (3,4) interconnected by a common central pivot (9). Each leg member has a roller (6,8) at one end and a fixed pivot (5,7) at the other end. On one of the legs (3) is a pivotally mounted link (11) which on one end is a roller (12) which when the lift is in its lower travel range is in contact with the other scissor leg (4) and on the other end is mounted one end of a ram (10) by a pivot (15) and whose other end is connected to the other scissor leg (4) by a pivot (13). This arrangement improves the mechanical advantage of the ram force required to open the scissor legs in the initial lift movement. <IMAGE>

IPC 1-7
B66F 7/08

IPC 8 full level
B66F 7/08 (2006.01)

CPC (source: EP)
B66F 7/065 (2013.01); **B66F 7/08** (2013.01)

Cited by
CN106715319A; JP2003513868A; CN105967098A; US10189690B2; US6601826B1; WO2015177233A1; WO0127499A1

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