

Title (en)  
SCISSORS-TYPE LIFT TABLE

Title (de)  
SCHERENHUBTISCH

Title (fr)  
PLATE-FORME ELEVATRICE A CISEAUX

Publication  
**EP 1181468 A1 20020227 (DE)**

Application  
**EP 00925204 A 20000412**

Priority  
• DE 19921435 A 19990508  
• DE 10001910 A 20000119  
• EP 0003242 W 20000412

Abstract (en)  
[origin: WO0068597A1] The invention relates to a scissors-like lift table with a pair of scissors that is arranged between a support device (10) and a base unit (11). Said pair of scissors is provided with two pairs of limbs (1, 2) which can be pivoted about an axle (6) pertaining to the scissors and in relation to one another. The scissors-like lift table also comprises a lifting device which is provided with a lifting vehicle (3) that can be moved to and fro by means of a drive device (12) in order to open and close the scissors. The aim of the invention is to efficiently control the lifting movement. The band-shaped traction mechanism (4) can be wound-up on the roller (5) by means of the drive device (12) and by drawing the lifting vehicle (3) towards the axle (6) of the scissors in order to open the scissors and can be unwound from the roller (5) away from the axle (6) of the scissors by means of the movement force of the lifting vehicle (3) in order to close the scissors.

IPC 1-7  
**F16H 21/10**; **B66F 7/06**

IPC 8 full level  
**B66F 7/06** (2006.01); **F16H 19/02** (2006.01); **F16H 21/10** (2006.01)

CPC (source: EP US)  
**B66F 7/065** (2013.01 - EP US)

Citation (search report)  
See references of WO 0068597A1

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

DOCDB simple family (publication)  
**WO 0068597 A1 20001116**; AT E224021 T1 20020915; DE 50000505 D1 20021017; EP 1181468 A1 20020227; EP 1181468 B1 20020911; ES 2180520 T3 20030216; JP 2002544095 A 20021224; US 6814188 B1 20041109

DOCDB simple family (application)  
**EP 0003242 W 20000412**; AT 00925204 T 20000412; DE 50000505 T 20000412; EP 00925204 A 20000412; ES 00925204 T 20000412; JP 2000617348 A 20000412; US 3186101 A 20011107