

Title (en)
SCISSOR-ACTION LIFTING TABLE

Title (de)
SCHERENHUBTISCH

Title (fr)
TABLE ELEVATRICE A SYSTEME DE LEVAGE DU TYPE EN CISEAUX

Publication
EP 0724540 A1 19960807 (DE)

Application
EP 94930972 A 19941024

Priority
• DE 4336662 A 19931027
• EP 9403486 W 19941024

Abstract (en)
[origin: US5694864A] PCT No. PCT/EP94/03486 Sec. 371 Date Apr. 29, 1996 Sec. 102(e) Date Apr. 29, 1996 PCT Filed Oct. 24, 1994 PCT Pub. No. WO95/11852 PCT Pub. Date May 4, 1995A scissor lift table includes a pivot element, a first scissor element and a second scissor element having respective first ends and respective second ends, the center portions of the scissor elements being operatively joined with one another at the pivot element such that the scissor elements are pivotable counter to one another about the pivot element. A table plate is supported by the pair of scissor elements and a base supports the pair of scissor elements and has a top side. A drive arrangement is operatively connected to the scissor elements for pivoting the scissor elements counter to one another. The drive arrangement includes a geared motor; a horizontal threaded spindle, the geared motor operatively engaging the spindle at the end portion thereof; and a spindle nut operatively engaging the spindle at the body portion thereof, wherein one of the geared motor and the spindle nut is mounted on the pivot element. The scissor lift table further includes a single pair of guide elements having: respective first ends pivotally connected to respective ones of the scissor elements from a region within only one lateral scissor angle defined between the scissor elements; and respective second ends both pivotably connected to one of the spindle nut and the geared motor.

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B66F 7/06

IPC 8 full level
B66F 7/06 (2006.01)

CPC (source: EP US)
B66F 7/0608 (2013.01 - EP US); **B66F 7/065** (2013.01 - EP US)

Citation (search report)
See references of WO 9511852A1

Cited by
CN111740696A; EP1626028A1; EP1342429A1; US6742768B2

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