

Title (en)

VARIABLE STRADDLE TRANSPORTER LIFT WITH PROGRAMMABLE HEIGHT POSITIONS

Title (de)

FLURFÖRDERZEUG MIT PROGRAMMIERBAREN HUBHÖHEN

Title (fr)

TRANSPORTEUR ELEVATEUR A FOURCHE ENTRE LONGERONS A HAUTEURS PROGRAMMABLES

Publication

EP 1423328 A4 20061213 (EN)

Application

EP 01932953 A 20010503

Priority

- US 0114313 W 20010503
- US 20146800 P 20000503

Abstract (en)

[origin: WO0183356A1] A transport lift (10) has a base (12) and two spaced-apart legs (30, 32) are slidingly mounted on the base for movement toward and away from each other. Wheels (34, 36, 38) support the base and legs for rolling movement. Leg motor drive means (62) operate to drive the two spaced-apart legs toward and away from each other to vary the straddle spacing between the legs. A lift column (14) extends generally vertically from the base. Lift drive means (16) are associated with the lift column for driving an end effector (18) along the lift column, the end of effector adapted for engaging a load. A programmable controller (90) operates the lift drive means to position the end effector at at least one predetermined height position on the lift column. The controller is adapted for storing a plurality of height adjustments as sequential steps, and the controller operates the lift drive means to place the end effector sequentially at the sequence of predetermined height positions.

IPC 1-7

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IPC 8 full level

B66F 9/075 (2006.01); **B66F 9/20** (2006.01)

CPC (source: EP)

B66F 9/07522 (2013.01); **B66F 9/0755** (2013.01); **B66F 9/07581** (2013.01); **B66F 9/20** (2013.01)

Citation (search report)

- [XA] DE 29905609 U1 19990729 - TASBACH [DE], et al
- [X] US 5011358 A 19910430 - ANDERSEN ERIC T [US], et al
- See references of WO 0183356A1

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