

Title (en)
Conveying device

Title (de)
Transporteinrichtung

Title (fr)
Dispositif de transport

Publication
EP 0930110 A3 20000712 (DE)

Application
EP 98123636 A 19981210

Priority
DE 19801731 A 19980119

Abstract (en)
[origin: EP0930110A2] Conveyor system for workpieces has at least one lifting column (21,22) for a linked carrier (25). The carrier has an extending and telescopic jib (39) at one side with a single transmission (41) for the lifting cable assembly (30), secured to each end side of the jib (39). The transmission (41) is operated by two static drive motors (28,29). The rotary direction and rotary speed of the motors (28,29) set the lifting and/or lateral movements of the jib (39).

IPC 1-7
B21D 43/05

IPC 8 full level
B21D 43/05 (2006.01); **B21D 43/18** (2006.01)

CPC (source: EP)
B21D 43/05 (2013.01); **B21D 43/18** (2013.01)

Citation (search report)
• [AD] EP 0693334 A1 19960124 - MUELLER WEINGARTEN MASCHF [DE]
• [AD] DE 3233428 C1 19930429 - MUELLER WEINGARTEN MASCHF

Cited by
DE10195260B4; CN100408221C; CN100446887C; CN102896805A; JP2018144096A; CN105339107A; DE102019119228A1; DE10039062A1; DE10039062B4; EP2712689A1; EP3718659A1; US10556264B2; US7650774B2; US6955518B1; WO0226415A1; WO2015000855A1; WO2005068104A1; WO2006045283A1; WO2005075123A1

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)
EP 0930110 A2 19990721; EP 0930110 A3 20000712; EP 0930110 B1 20030507; DE 19801731 A1 19990722; DE 59808260 D1 20030612; ES 2199404 T3 20040216

DOCDB simple family (application)
EP 98123636 A 19981210; DE 19801731 A 19980119; DE 59808260 T 19981210; ES 98123636 T 19981210