

Title (en)
Transport system

Title (de)
Transportsystem

Title (fr)
Système de transport

Publication
EP 0693334 B1 19991110 (DE)

Application
EP 95109314 A 19950616

Priority
DE 4420933 A 19940616

Abstract (en)
[origin: DE19521976A1] The transport system has the transposition device arranged between two work stations (10, 11) to carry out a multi-axis workpiece movement is a feeder mechanism (15). The feeder mechanism includes a transport arm (19) for the direct transfer of a workpiece (14) between two work stations without a rest interval. The feeder mechanism has a pivoting device (18) which executes the necessary alteration in the position of the workpiece as it is transferred to the next work station. The feeder mechanism can be a telescopic feeder, a linkage arm feeder or a parallelogram feeder.

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B21D 43/10

IPC 8 full level
B21D 43/05 (2006.01); **B21D 43/10** (2006.01)

CPC (source: EP)
B21D 43/05 (2013.01); **B21D 43/105** (2013.01)

Citation (examination)
• DE 3233428 C1 19930429 - MUELLER WEINGARTEN MASCHF
• DE 2417131 A1 19751030 - SCHULER GMBH L

Cited by
US6968725B2; DE10195260B4; EP1040881A1; EP1129800A3; CN100455373C; EP0930110A3; DE102006003522A1; EP1123761A3; CN112828657A; WO2005046907A1; EP1123761A2; US7040853B2; EP0947625A1; US7484922B2

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DE ES FR IT

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DE 19521976 A1 19951221; DE 59507211 D1 19991216; EP 0693334 A1 19960124; EP 0693334 B1 19991110; ES 2139777 T3 20000216

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