

Title (en)
Method of controlling a transfer device for intermittent workpiece transport

Title (de)
Verfahren zum Schalten einer Transfervorrichtung zum taktweisen Werkstücktransport

Title (fr)
Méthode de contrôle d' un dispositif de transfert pour le transport intermittent de pieces

Publication
EP 0849014 B1 20010314 (DE)

Application
EP 97121900 A 19971212

Priority
DE 19652709 A 19961218

Abstract (en)
[origin: EP0849014A1] The press line for vehicle body sections moves the press sections between the different press operations using lateral inching drives. Each drive is fitted with a monitor (M) to check the movement of the drive. If any individual drive fails it is immobilised in the retracted position and the action of the remaining drives is enhanced to cover the defective drive. The press items are moved through the press line without jamming the line and without damage to the items. The control unit (36) and the inching drives are capable of moving the press line with any one drive immobilised. The inching drives have linear electric motors which directly power the transfer rails without any intermediate drive components.

IPC 1-7
B21D 43/05

IPC 8 full level
B21D 43/05 (2006.01)

CPC (source: EP US)
B21D 43/055 (2013.01 - EP US)

Cited by
DE102015122796A1; DE19932706A1; DE19932706C2; US10954577B2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0849014 A1 19980624; EP 0849014 B1 20010314; DE 19652709 A1 19980625; DE 59703136 D1 20010419; ES 2156333 T3 20010616; US 6176365 B1 20010123

DOCDB simple family (application)
EP 97121900 A 19971212; DE 19652709 A 19961218; DE 59703136 T 19971212; ES 97121900 T 19971212; US 99309097 A 19971218