

Title (en)

Apparatus for modifying the reception volume of a workpiece carrier

Title (de)

Vorrichtung zum Verstellen des Aufnahmevermögens eines Werkstückträgers

Title (fr)

Appareil pour modifier le volume de réception d'un porte-pièce

Publication

EP 0541985 B1 19961211 (DE)

Application

EP 92117669 A 19921016

Priority

DE 4137098 A 19911112

Abstract (en)

[origin: EP0541985A1] Described is an apparatus for modifying the reception volume of a pack carrier (3) which is held on a line (1) and has at least one side wall (4) which is flat on the outside, lies next to the line (1) and extends parallel to the latter and to the conveying direction of the pack carriers (3), recesses (5) being made on the inner surface of the pack carrier (3) for positioning the pack. To improve such an apparatus to the extent that the packs are held better and the modifying of the volume is possible at virtually any point of a conveyor with even simpler means, it is proposed according to the invention that the recesses (5) be arranged at a distance from one another at the inner surface of the pack carrier (3) in the direction of its longitudinal centre axis (6), that the pack carrier (3) have the form of a sleeve open at both ends, and that a stop part (9) movable relative to the pack carrier (3) be provided. <IMAGE>

IPC 1-7

B65B 43/54; B65B 59/00

IPC 8 full level

B65B 43/54 (2006.01); **B65B 59/00** (2006.01)

CPC (source: EP US)

B65B 43/54 (2013.01 - EP US); **B65B 59/001** (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0541985 A1 19930519; EP 0541985 B1 19961211; AT E146145 T1 19961215; AU 2825592 A 19930513; AU 656819 B2 19950216; CA 2081692 A1 19930513; DE 4137098 A1 19930513; DE 4137098 C2 19960605; DE 59207670 D1 19970123; DK 0541985 T3 19961230; ES 2096003 T3 19970301; GR 3022014 T3 19970331; JP H05294324 A 19931109; TW 213886 B 19931001; US 5347788 A 19940920

DOCDB simple family (application)

EP 92117669 A 19921016; AT 92117669 T 19921016; AU 2825592 A 19921110; CA 2081692 A 19921029; DE 4137098 A 19911112; DE 59207670 T 19921016; DK 92117669 T 19921016; ES 92117669 T 19921016; GR 960403308 T 19961212; JP 29522992 A 19921104; TW 81109152 A 19921116; US 97616592 A 19921110