

Title (en)
METHOD AND DEVICE FOR PACKING TUBES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM ABPACKEN VON TUBEN

Title (fr)
PROCEDE ET DISPOSITIF D'EMBALLAGE DE TUBES

Publication
EP 1656298 B1 20070307 (DE)

Application
EP 04738142 A 20040812

Priority
• CH 2004000503 W 20040812
• CH 14182003 A 20030820

Abstract (en)
[origin: US7308779B2] Tubes (T), coming from a production line, are supplied by means of a grouping unit (1). The grouping unit comprises a conveyor belt (10), with product holders (11) and the tubes are supplied in groups by means of a stepping motor (12). A slider (13) pushes the tubes (T) into the correct position on a mandrel support (20) of a packaging unit (2). The mandrel support (20) comprises a plate (21), which may be moved back and forth by means of a piston/cylinder unit (22) and which may be pivoted from the horizontal holding position into the vertical dispensing position. The tubes are pushed onto mandrels (25) which are mounted on the plate (21), by means of the slider (13), The tubes are thus held in exact alignment and can be filled into the carton (B) without a relative displacement or tilting of the tubes.

IPC 8 full level
B65B 5/08 (2006.01); **B65B 19/34** (2006.01); **B65B 35/36** (2006.01); **B65B 35/40** (2006.01)

CPC (source: EP US)
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