

Title (en)  
TUBE HANDLING LINE

Title (de)  
FLIESSBAND ZUR HANDHABUNG VON TUBEN

Title (fr)  
LIGNE DE MANIPULATION DE TUBES

Publication  
**EP 1094967 A1 20010502 (EN)**

Application  
**EP 99935218 A 19990628**

Priority  
• SE 9901155 W 19990628  
• SE 9802385 A 19980703

Abstract (en)  
[origin: WO0001584A1] Tube handling line or machine with a filling station (12) arranged separately in relation to a closing unit (14). The closing unit comprises an endless conveyor with a rectilinear conveyor section (15). This is used in order, by means of a gripper (36) on a robot, to put filled tubes from a filling station, which is either stationary with a number of filling nozzles or continuously rotating, into tube holders on the rectilinear section of the endless conveyor. A second robot takes tubes positioned in rows in transport packages in a delivery station (10) and conveys these tubes onwards to the filling station.

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**B65B 35/16**

IPC 8 full level  
**B65B 3/16** (2006.01); **B65B 35/16** (2006.01); **B65B 35/38** (2006.01)

CPC (source: EP)  
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