

Title (en)  
Machine for packaging tubes

Title (de)  
Tubenabpackvorrichtung

Title (fr)  
Machine pour emballer des tubes

Publication  
**EP 1123867 B1 20040630 (DE)**

Application  
**EP 00811205 A 20001219**

Priority  
CH 2492000 A 20000208

Abstract (en)  
[origin: EP1123867A1] The machine for forming tubes (1) or cans arriving continuously from a production line (3) into groups (15) of a specified size comprises a grouping support (8) with recesses for the tubes. A packing unit (20) then packs the groups into cartons (S). The packing unit is inclined at 5 - 30 degrees to the vertical and a swivelling transfer plate (11) feeds the tubes from the grouping support into the cartons.

IPC 1-7  
**B65B 19/34**; **B65B 5/10**

IPC 8 full level  
**B65B 5/10** (2006.01); **B65B 19/34** (2006.01)

CPC (source: EP)  
**B65B 5/106** (2013.01); **B65B 19/34** (2013.01)

Citation (examination)  
• EP 0438974 A1 19910731 - FLUMS AG MASCHF [CH]  
• EP 0594917 A1 19940504 - PAMAG AG [CH]

Cited by  
DE10316853B4; CN100372738C; WO2004089754A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1123867 A1 20010816**; **EP 1123867 B1 20040630**; AT E270223 T1 20040715; DE 50006952 D1 20040805

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**EP 00811205 A 20001219**; AT 00811205 T 20001219; DE 50006952 T 20001219