

Title (en)

METHOD FOR PACKING TUBULAR BAGS IN BOXES, AND DEVICE FOR CARRYING OUT THE METHOD

Publication

EP 0111446 B1 19861230 (DE)

Application

EP 83810549 A 19831123

Priority

CH 713382 A 19821208

Abstract (en)

[origin: ES8500168A1] The present invention is directed to a method and apparatus for packing tubular bags into boxes by machinery. The tubular bags to be packed are conveyed over various conveyor belts to a positioning belt and from the positioning belt to a positioning table. Layers of tubular bags are then moved onto a rake-like main base that is lowered in a stepwise fashion to receive consecutive layers of tubular bags. When the desired number of tubular bag layers is positioned on the main base, the main base is lowered to deposit the tubular bags onto an intermediate base which together with side walls makes up an intermediate container. Once the intermediate container is in a lower position, a box is pushed over the intermediate container and the intermediate container is swung through a 90 DEG arc onto a conveyor belt. The intermediate container is then removed from the box and by this process the tubular bags which were previously in the intermediate container are transferred into the box. The intermediate container then swings back to its lower position.

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

CN106379595A; EP0302543A1; EP0798210A1; EP0698551A1; CN116022410A; DE19838076A1; GB2340808B; DE19838076B4; US6397567B1

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EP 0111446 A1 19840620; **EP 0111446 B1 19861230**; AT E24450 T1 19870115; BR 8306700 A 19840717; CA 1203784 A 19860429; CH 658632 A5 19861128; DE 3368571 D1 19870205; ES 527747 A0 19841101; ES 8500168 A1 19841101; JP H0541482 B2 19930623; JP S59134107 A 19840801; KR 840006949 A 19841204; MX 158495 A 19890207; PT 77784 A 19840101; PT 77784 B 19860319; US 4537008 A 19850827

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