Title (en)

Machine for making carry-bags with handle

Title (de)

Einrichtung zum Konfektionieren von Tragtaschen mit Traggriff

Title (fr)

Machine pour confectionner des sacs portatifs avec poignée

Publication

EP 0693365 B1 19980401 (DE)

Application

EP 95110721 A 19950710

Priority

AT 141894 A 19940719

Abstract (en)

[origin: EP0693365A2] The appts. to fit cord handles to tote bags has a section (15,16) to clamp the edges of the bag together with a punch (20) to stamp holes in the bag edges. A feed (19) guides the cord between the stamped holes for the cord ends to be knotted (17,18). At least the feed (19) for the cord (3) is at the clamping unit or can be positioned at it. Controls operate the punch stamping and cord feed alternately. Also claimed is an operation where the appts. is passed over the bag edges for them to be clamped. The punch is activated to stamp holes in the bag edges and a guide channel for the cord is formed between the two knotting units (17,18), giving an exact positioning of the stamped holes and the cord guide (19). An air stream carries the cord through the first module (17) and the first punched hole, through the guide channel (19) and through the second punched hole to the second knotting module (18). A cutter severs the cord (3), and the free cord ends are clamped at the knotting modules (17,18). The cord guide channel (19) is moved away from the knotting modules (17,18) to tense the knots and pull them clear of the modules (17,18). The two half sections of the cord guide (19) are opened, to release the cord handle loop. <IMAGE>

IPC 1-7

B31B 19/86; B65H 69/04

IPC 8 full level

B31B 19/86 (2006.01); **B65H 69/04** (2006.01)

CPC (source: EP)

B65H 69/04 (2013.01); B31B 70/864 (2017.07); B65H 2701/31 (2013.01)

Cited by

EP0907499A4; CN110126357A; CN110027253A; CN111063322A; DE10028922A1; DE10028922C2; EP1164003A3

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