

Title (en)
Device for inserting bouquets into wraps

Title (de)
Vorrichtung zum Einbringen von Blumensträußen in Umwickelfolie

Title (fr)
Dispositif pour l'introduction des bouquets dans des enveloppes

Publication
EP 1254836 A1 20021106 (EN)

Application
EP 02253107 A 20020502

Priority
GB 0110765 A 20010502

Abstract (en)
A wrap filling mechanism comprises a wrap holder 12 with a chute 10, 11 above it. Blower means 29 provide a downward air pressure in the chute. This downward air pressure provides a force additional to gravity, resulting in expansion of the wrap to its full extent and a more reliable passage of the bouquets 27 through the chute and into the wraps. Flap means 25 are opened to allow the passage of a bouquet and closed to raise the pressure behind the bouquet after it has passed the flap means. The flap means may be positively controlled, eg by bouquet position sensors and opening and/or closing actuators, or may be passively operated by the force of a bouquet being pushed against it and spring-loading. <IMAGE>

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B65B 25/02; **B65B 39/00**

IPC 8 full level
B65B 25/02 (2006.01); **B65B 39/00** (2006.01)

CPC (source: EP)
B65B 25/023 (2013.01); **B65B 39/007** (2013.01)

Citation (applicant)
WO 0110634 A1 20010215 - SMITH MICHAEL JOHN [GB]

Citation (search report)
• [X] US 4969314 A 19901113 - DAVIS ROBERT [CA]
• [X] US 3206913 A 19650921 - FLEIGHER CHARLES W, et al
• [A] GB 1158944 A 19690723 - WHITTON DAVID RAYMOND ARTHUR [GB], et al

Designated contracting state (EPC)
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