

Title (en)
Bag filling and packaging method and bag filling and packaging apparatus

Title (de)
Verfahren und Vorrichtung zum Befüllen und Einpacken in Beuteln

Title (fr)
Procédé et dispositif de remplissage et d'emballage de sachets

Publication
EP 1832517 A1 20070912 (EN)

Application
EP 07004560 A 20070306

Priority
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Abstract (en)
A bag filling and packaging system including gripper pairs around a rotating table (1) so that the grippers (2, 3) of each gripper pair grip two side edges of a bag (9) on which various packaging processes are performed. A gripper distance adjustment auxiliary cam (29) is provided to ascend and descend relative to a gripper distance setting cam (28) for setting distance between grippers (2, 3). A roller (36) rolls on the two cams (28, 29) as the table (1) rotates, and the distance between the grippers (2, 3) changes in response to the height of the roller (36) by a transmission mechanism (34, 35). An apparent bag width is measured prior to gripping a bag (9), the height of the gripper distance adjustment auxiliary cam (29) is controlled according to this measured value, and the distance between grippers (2, 3) in a bag supply process is adjusted accordingly, the amount of part gripped by the grippers (2, 3) at side edges of a bag (9) thus being constant for all bags.

IPC 8 full level
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B65B 3/06 (2013.01 - EP)

Citation (search report)
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