

Title (en)
Bag packaging method

Title (de)
Beutelpackungsverfahren

Title (fr)
Procédé d'emballage en sachets

Publication
EP 1736410 B1 20080813 (EN)

Application
EP 06114986 A 20060606

Priority
• JP 2005179259 A 20050620
• JP 2005298581 A 20051013

Abstract (en)
[origin: EP1736410A1] A bag packaging method by which a mouth portion of a thin plastic-made bag filled with articles can be sealed without creases is provided. A bag 4 filled with sliced bread 1 is conveyed by a blade conveyor 6. A mouth portion of the bag 4 is led between upper and lower two conveyor belts 20, 21. While a suction force acting on upper and lower sides of the mouth portion is applied from vacuum chambers 23, 24 through the conveyor belts 20, 21, air is blown from a sirocco fan 13 toward a mouth of the bag 4 so that the mouth portion of the bag 4 is opened. Two mouth spreader bars 30 having an interval between their distal ends narrowed are inserted into the bag 4 so opened. Then, the mouth spreader bars 30 have the interval widened to thereby spread the mouth portion flat. The mouth portion of the bag 4 spread flat is pinched and sealed by a sealer 50 without generation of creases.

IPC 8 full level
B65B 25/18 (2006.01); **B65B 31/06** (2006.01); **B65B 43/30** (2006.01); **B65B 43/36** (2006.01); **B65B 51/14** (2006.01)

CPC (source: EP US)
B65B 25/18 (2013.01 - EP US); **B65B 31/06** (2013.01 - EP US); **B65B 43/30** (2013.01 - EP US); **B65B 43/36** (2013.01 - EP US);
B65B 51/146 (2013.01 - EP US)

Cited by
CN113335647A

Designated contracting state (EPC)
DE ES FR GB NL

DOCDB simple family (publication)
EP 1736410 A1 20061227; **EP 1736410 B1 20080813**; DE 602006002183 D1 20080925; ES 2312087 T3 20090216; JP 2007030986 A 20070208; JP 4234708 B2 20090304; US 2006283152 A1 20061221

DOCDB simple family (application)
EP 06114986 A 20060606; DE 602006002183 T 20060606; ES 06114986 T 20060606; JP 2005298581 A 20051013; US 44617106 A 20060605