

Title (en)
SEAL PACKAGING MACHINE FOR FOOD CONTAINER

Title (de)
SIEGELPACKUNGSMASCHINE FÜR LEBENSMITTELBEHÄLTER

Title (fr)
MACHINE D'EMBALLAGE ET SCELLEMENT POUR RÉCIPIENT ALIMENTAIRE

Publication
EP 3626640 A1 20200325 (EN)

Application
EP 18802822 A 20180521

Priority
• KR 20170061924 A 20170519
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• KR 2018005798 W 20180521

Abstract (en)
A seal-packaging machine for a food container is proposed. The seal-packaging machine includes: a tray for loading a food-carrying container into the seal-packaging machine configured to move stably forward/backward while engaging with a ""-shaped guide by a ""-shaped guide rail; a heater unit driving support shafts operating the heater unit upward/downward and a heater unit driving portion support plate connected thereto operating upward/downward by two roller bearings and two eccentric cams contacting the same; a motor fixedly provided on a bottom frame to drive upward/downward the heater unit driving support shafts and the heater unit driving portion support plate of a heater unit driving portion; and a heater unit evenly operating upward/downward while keeping in horizontal along the four heater unit driving support shafts provided on four sides. The seal-packaging machine prevents defects due to imbalance of the heater unit, thereby guaranteeing an accurate sealing operation with a film.

IPC 8 full level
B65B 7/16 (2006.01); **B65B 65/02** (2006.01)

CPC (source: EP US)
B65B 7/16 (2013.01 - EP); **B65B 7/2878** (2013.01 - US); **B65B 65/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2018212637A1

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