

Title (en)
Heat sealing packaging device

Title (de)
Heißversiegelnde Verpackungsvorrichtung

Title (fr)
Dispositif d'emballages avec fermeture à battement

Publication
EP 2669198 A1 20131204 (EN)

Application
EP 12425104 A 20120601

Priority
EP 12425104 A 20120601

Abstract (en)
Provided is a beat sealing packaging device which prints information on a capping film covering opening areas of containers and beat seals the containers, with entirely improved processing speed and productivity. The heat seal packaging device which covers the opening areas of containers P containing packaged items W with a capping film 1 and beat seals the containers includes a container supply means A positioned upstream of a packaging line in the said heat seal packaging device and supplies a predetermined number of containers P containing the said packaged items W to a downstream of said packaging line when the number of the containers reaches a set value, a heat sealer B positioned downstream of said packaging line, covering opening areas of said containers P supplied from said container supply means A with a capping film 1, and beat sealing them, a film supply means C feeding and supplying a band-like capping film 1 covering the opening areas of the said containers P across the container supply means A and the heat sealer B on said packaging line from upstream to downstream at an upper position of the opening areas of said containers, and a printer D printing said capping film. The said printing means D prints information of packaged items W on the capping film 1 covering the opening areas of a set number of containers to be heat sealed next whilst the said heat sealer B is beat sealing the capping film 1 to the containers P.

IPC 8 full level
B65B 7/16 (2006.01); **B65B 61/02** (2006.01)

CPC (source: EP)
B65B 7/164 (2013.01); **B65B 61/025** (2013.01)

Citation (applicant)
JP H10203505 A 19980804 - OMORI MACHINERY

Citation (search report)
• [A] WO 2011018391 A1 20110217 - GRUPPO FABBRI S P A [IT], et al
• [A] US 2009071099 A1 20090319 - EHRMANN ELMAR EUGEN [DE], et al
• [A] US 3662511 A 19720516 - ELIASBERG JOSEPH

Cited by
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2669198 A1 20131204; **EP 2669198 B1 20140813**; ES 2523895 T3 20141202

DOCDB simple family (application)
EP 12425104 A 20120601; ES 12425104 T 20120601