

Title (en)
PACKAGING MACHINE

Title (de)
VERPACKUNGSMASCHINE

Title (fr)
MACHINE À EMBALLER

Publication
EP 2144841 A1 20100120 (DE)

Application
EP 08717073 A 20080225

Priority
• EP 2008052223 W 20080225
• DE 102007016249 A 20070404

Abstract (en)
[origin: US2010058711A1] The invention relates to a packaging machine for closing a container having a lid, which includes a supply unit for delivering the container along with a loosely seated lid. A rotating crimping head is provided with a plurality of recesses for one container each, a plurality of tensioning units each hold a container into a recess, and a crimping unit crimps the lids onto the container in order to close the container. A plurality of sensor units are provided such that one sensor unit is arranged on each tensioning unit. Each sensor unit records a container rotation and/or a container tensioning force in the crimping head. Each sensor unit has a transmitter to send signals and a control unit which has a receiver to receive signals sent from the transmitter.

IPC 8 full level
B67B 3/18 (2006.01); **B65B 7/28** (2006.01)

CPC (source: EP US)
B65B 7/285 (2013.01 - EP US)

Citation (search report)
See references of WO 2008122463A1

Cited by
EP2923996A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2010058711 A1 20100311; **US 8256188 B2 20120904**; AT E496863 T1 20110215; CN 101663228 A 20100303; CN 101663228 B 20120314; DE 102007016249 A1 20081009; DE 502008002479 D1 20110310; EP 2144841 A1 20100120; EP 2144841 B1 20110126; JP 2010523410 A 20100715; WO 2008122463 A1 20081016

DOCDB simple family (application)
US 59411608 A 20080225; AT 08717073 T 20080225; CN 200880010773 A 20080225; DE 102007016249 A 20070404; DE 502008002479 T 20080225; EP 08717073 A 20080225; EP 2008052223 W 20080225; JP 2010501456 A 20080225