

Title (en)
WRAPPING UNIT

Title (de)
VERPACKUNGSEINHEIT

Title (fr)
UNITÉ D'EMBALLAGE

Publication
EP 3176098 A1 20170607 (EN)

Application
EP 16201962 A 20161202

Priority
IT UB20156283 A 20151203

Abstract (en)
A wrapping unit (1), comprising at least one gripper (2) provided with mutually opposite jaws (3) for clamping at least one end of a tubular blank (A) that contains a product (B) to be packaged; at least one of the jaws (3) comprises at least one air extraction unit (4) for extracting the air from the inside of the tubular blank (A) simultaneously with its clamping.

IPC 8 full level
B65B 25/00 (2006.01); **B65B 11/08** (2006.01)

CPC (source: EP)
B65B 11/08 (2013.01); **B65B 25/005** (2013.01)

Citation (applicant)
EP 1888410 A1 20080220 - SACMI PACKAGING SPA [IT]

Citation (search report)
• [X] WO 2014097235 A2 20140626 - SPATAFORA MARIO [IT]
• [X] WO 2014174420 A1 20141030 - AZIONARIA COSTRUZIONI ACMA SPA [IT]
• [AD] EP 1888410 B1 20090916 - SACMI PACKAGING SPA [IT]
• [A] WO 2015056240 A1 20150423 - AZIONARIA COSTRUZIONI ACMA SPA [IT]
• [A] EP 0790184 A1 19970820 - SOREMARTEC SA [BE], et al

Cited by
CN112429350A

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 3176098 A1 20170607; EP 3176098 B1 20190102; EP 3176098 B2 20221116; IT UB20156283 A1 20170603; TR 201904405 T4 20190521

DOCDB simple family (application)
EP 16201962 A 20161202; IT UB20156283 A 20151203; TR 201904405 T 20161202