

Title (en)  
Flow-pack packaging machine

Title (de)  
Flowpack-Verpackungsmaschine

Title (fr)  
Machine de conditionnement de sac thermo-soudé

Publication  
**EP 2851306 A1 20150325 (EN)**

Application  
**EP 14176687 A 20140711**

Priority  
IT TO20130682 A 20130808

Abstract (en)  
A flow-pack packaging machine comprising: - a support frame (12) including two front uprights (16), an upper front support plate (24) and a lower front support plate (26), said front support plates (24, 26) being oriented vertically and being fixed to said front uprights (16), - an unwinding unit (28) carried by said upper front support plate (24), - a supplying and forming unit (34), a longitudinal welding unit (36) and a cross welding unit (38) carried by said lower front support plate (26), and - an electric control board (44) enclosed in an outer casing (46), wherein the machine (10) has a vertical dividing plane (Pv), coplanar with a front face of said lower front support plate (26) and an upper horizontal plane (Po), tangent to an upper end of said upper front support plate (24), wherein said electric control board (44) is located above said upper horizontal plane (Po) and behind said vertical dividing plane (Pv).

IPC 8 full level  
**B65B 51/26** (2006.01); **B65B 9/06** (2012.01); **B65B 57/00** (2006.01); **B65B 57/08** (2006.01); **B65B 59/04** (2006.01); **B65B 61/06** (2006.01)

CPC (source: EP)  
**B65B 9/06** (2013.01); **B65B 51/26** (2013.01); **B65B 57/005** (2013.01); **B65B 65/003** (2013.01); **B65B 59/04** (2013.01); **B65B 61/06** (2013.01)

Citation (search report)  
• [X] DE 102005057265 A1 20070606 - BOSCH GMBH ROBERT [DE]  
• [X] WO 2010095438 A1 20100826 - SUZUKI MFG [JP], et al  
• [A] DE 102008053665 A1 20100512 - MULTIVAC HAGGENMUELLER GMBH [DE]

Cited by  
JP2021031067A

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 2851306 A1 20150325; EP 2851306 B1 20170927**; ES 2653272 T3 20180206; IT TO20130682 A1 20150209

DOCDB simple family (application)  
**EP 14176687 A 20140711**; ES 14176687 T 20140711; IT TO20130682 A 20130808