

Title (en)  
THERMOFORMING PACKAGING MACHINE

Title (de)  
TIEFZIEHVERPACKUNGSMASCHINE

Title (fr)  
MACHINE D'EMBALLAGE PAR THERMOFORMAGE

Publication  
**EP 2766262 B1 20150107 (DE)**

Application  
**EP 12778239 A 20121011**

Priority  
• DE 102011115881 A 20111012  
• EP 2012004271 W 20121011

Abstract (en)  
[origin: WO2013053484A1] The invention relates to a thermoforming packing machine (1) having a machine frame (6) and a film feed device (11) for detecting a side (25) of a sheet of film (8) and for transporting the sheet of film (8), wherein the film feed device (11) is provided only on one side (22) of the machine frame (6).

IPC 8 full level  
**B65B 9/04** (2006.01); **B65B 41/14** (2006.01); **B65H 20/16** (2006.01)

CPC (source: EP US)  
**B31B 70/022** (2017.07 - EP US); **B65B 9/04** (2013.01 - EP US); **B65B 41/14** (2013.01 - EP US); **B65H 20/16** (2013.01 - EP US); **B65H 23/038** (2013.01 - EP US); **B31B 2105/00** (2017.07 - EP US); **B65H 2301/4422** (2013.01 - EP US); **B65H 2301/4493** (2013.01 - EP US); **B65H 2701/1752** (2013.01 - EP US); **B65H 2801/81** (2013.01 - EP US)

Cited by  
CN108137178A

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

DOCDB simple family (publication)  
**WO 2013053484 A1 20130418**; CN 103930349 A 20140716; CN 103930349 B 20150422; DE 102011115881 A1 20130418; DE 102011115881 B4 20141120; EP 2766262 A1 20140820; EP 2766262 B1 20150107; ES 2529643 T3 20150224; IN 1888CHN2014 A 20150529; US 2014249007 A1 20140904; US 9321233 B2 20160426

DOCDB simple family (application)  
**EP 2012004271 W 20121011**; CN 201280042948 A 20121011; DE 102011115881 A 20111012; EP 12778239 A 20121011; ES 12778239 T 20121011; IN 1888CHN2014 A 20140311; US 201214351129 A 20121011