

Title (en)

Multilayer tray with draining effect and related manufacturing method

Title (de)

Mehrschichtige Schale mit Drainagewirkung und zugehöriges Herstellungsverfahren

Title (fr)

Plateau multicouche avec effet de drainage et procédé de fabrication associé

Publication

**EP 2910490 A1 20150826 (EN)**

Application

**EP 15000269 A 20150129**

Priority

IT BO20140088 A 20140225

Abstract (en)

The present invention refers to a multilayer tray with draining effect having a base (2), lateral walls (3) and an upper rim (4), in which that said tray is formed of a multilayer material comprising, in succession from the outside inwards: one outermost layer of extruded expanded closed-cell polystyrene (XPS), one layer of a multilayer plastic barrier film with barrier-forming properties against the passage of gases, and one innermost layer of expanded polyethylene (PE) having a plurality of perforations to be able to accommodate in its interior the fluids released by a food product placed in the tray, in which the thickness (d) of the layer of expanded PE exclusively along the upper rim (4) of the tray does not exceed half of the value of the thickness (D) of the layer of expanded PE of the base (2) and/or of the lateral walls (3) of the tray.

IPC 8 full level

**B65D 77/20** (2006.01); **B65D 81/26** (2006.01)

CPC (source: EP)

**B65D 77/2024** (2013.01); **B65D 81/261** (2013.01); **B65D 81/264** (2013.01)

Citation (applicant)

- WO 9306026 A2 19930401 - SEALED AIR CORP [US]
- US 5705213 A 19980106 - GUILLIN FRANÇOIS [FR]
- EP 1285861 A2 20030226 - CRYOVAC INC [US]
- EP 1707499 A1 20061004 - CRYOVAC INC [US]
- EP 1445211 A1 20040811 - CRYOVAC INC [US]

Citation (search report)

- [A] WO 2011067305 A1 20110609 - CRYOVAC INC [US], et al
- [A] EP 1238795 A1 20020911 - CRYOVAC INC [US]
- [A] DE 19544858 A1 19970403 - SILVER PLASTICS GMBH & CO KG [DE]
- [A] FR 2702192 A1 19940909 - FERNANDEZ RIESGO NIEVES [ES]
- [A] FR 2775667 A1 19990910 - CHARPENTIER GERARD JEAN MARIE [FR]

Cited by

EP3243648A1; USD964862S

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 2910490 A1 20150826**

DOCDB simple family (application)

**EP 15000269 A 20150129**