

Title (en)
Folded vacuum insulated structure

Title (de)
Gefaltete vakuumisolierte Struktur

Title (fr)
Structure d'isolation sous vide pliée

Publication
EP 2778581 A3 20151202 (EN)

Application
EP 14158615 A 20140310

Priority
US 201313836669 A 20130315

Abstract (en)
[origin: EP2778581A2] A vacuum insulated cabinet structure for refrigerators and the like includes a plurality of vacuum insulated panels. The cabinet structure may include an "O" or "U" structure that is formed by folding a large panel assembly. The panels may comprise side walls that are heat-sealed together around the perimeters of the panels to form airtight spaces having a vacuum.

IPC 8 full level
F25D 23/06 (2006.01)

CPC (source: EP)
F25D 23/062 (2013.01); **F25D 2201/14** (2013.01)

Citation (search report)
• [Y] US 6109712 A 20000829 - HAWORTH GEORGE JEFFREY [US], et al
• [Y] US 2011030894 A1 20110210 - TENRA TOMOHISA [JP], et al
• [A] EP 0260699 A2 19880323 - ZANUSSI ZELTRON INST [IT]
• [A] US 6305768 B1 20011023 - NISHIMOTO YOSHIO [JP]
• [A] US 5066437 A 19911119 - BARITO ROBERT W [US], et al
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Cited by
EP3330651A1; GB2515903A

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 2778581 A2 20140917; EP 2778581 A3 20151202; BR 102014006063 A2 20160105

DOCDB simple family (application)
EP 14158615 A 20140310; BR 102014006063 A 20140314