

Title (en)

VACUUM INSULATOR AND METHOD FOR ITS PRODUCTION

Title (de)

VAKUUMISOLATIONSKÖRPER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

CORPS D'ISOLATION SOUS VIDE ET PROCEDE POUR SA FABRICATION

Publication

EP 1945871 A1 20080723 (DE)

Application

EP 06828993 A 20061110

Priority

- EP 2006010771 W 20061110
- DE 102005054012 A 20051110

Abstract (en)

[origin: WO2007054322A1] For the simple production of an exactly fitting vacuum insulator (1) comprising upper and lower flat sides and narrower end sides, wherein an open-cell, open-pore, microporous and/or fibrous core (2) is completely enclosed by a gastight multilayer film (3), the end edges (e.g. 5 and 6) of which are sealed together, it is proposed that a sealing seam (4, 4') is provided on each of the flat sides (18, 18') of the vacuum insulator (1). It is preferred for the two sealing seams (4, 4') on the upper and lower flat sides (18, 18') to be arranged off-centre, in particular arranged offset oppositely in relation to each other, each by approximately 1/3 of the overall width of the vacuum insulator (1). Moreover, a corresponding production method is proposed.

IPC 8 full level

E04B 1/80 (2006.01); **F16L 59/065** (2006.01)

CPC (source: EP)

E04B 1/803 (2013.01); **F16L 59/065** (2013.01); **Y02A 30/242** (2017.12); **Y02B 80/10** (2013.01)

Citation (search report)

See references of WO 2007054322A1

Citation (examination)

- DE 10015876 A1 20011011 - KERSPE JOBST H [DE]
- DE 20012547 U1 20010405 - KERSPE JOBST H [DE]

Citation (third parties)

Third party :

- DE 10015876 A1 20011011 - KERSPE JOBST H [DE]
- DE 20012547 U1 20010405 - KERSPE JOBST H [DE]
- WO 0166864 A1 20010913 - ZZ WANCOR [CH], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

DE 102005054012 A1 20070516; EP 1945871 A1 20080723; WO 2007054322 A1 20070518

DOCDB simple family (application)

DE 102005054012 A 20051110; EP 06828993 A 20061110; EP 2006010771 W 20061110