

Title (en)
Glazing panel

Title (de)
Verglasungsscheibe

Title (fr)
Panneau de vitrage

Publication
EP 1630344 A1 20060301 (EN)

Application
EP 04104142 A 20040830

Priority
EP 04104142 A 20040830

Abstract (en)
This invention relates to glazing panels, and in particular to vacuum insulating glazing panels and to a process for manufacturing such glazing panels. It is disclosed a glazing panel comprising two sheets of glass disposed in an opposing and spaced relationship with each other with a gap formed therebetween, the gap being a low pressure space having a pressure less than atmospheric pressure, a hermetic seal for sealing off said low pressure space, comprising an organic material, a plurality of spacers provided between said two sheets of glass for spacing the sheets of glass from one another, comprising an organic material, with a distance between the two sheets of glass is in the range 0.1 to 0.6 mm.

IPC 8 full level
E06B 3/663 (2006.01)

CPC (source: EP)
E06B 3/66304 (2013.01)

Citation (search report)

- [X] US 5270084 A 19931214 - PARKER KENNETH R [CA]
- [X] WO 0190525 A1 20011129 - GUARDIAN INDUSTRIES [US]
- [A] EP 0999330 A1 20000510 - NIPPON SHEET GLASS CO LTD [JP]
- [X] US 5657607 A 19970819 - COLLINS RICHARD EDWARD [AU], et al

Cited by
EP2627957A4; CN110700728A; CN103253874A; US2022154524A1; WO2020187588A1; WO2013162463A1; WO2019219595A1; WO2020187592A1; WO2020187584A1; JP2020507544A; EP3576941A4; WO2016063007A1; US10526244B2; EP3942141B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1630344 A1 20060301; EP 1794404 A2 20070613; EP 1794404 B1 20170215; PL 1794404 T3 20170831; RU 2007111555 A 20081010; RU 2382163 C2 20100220; WO 2006024632 A2 20060309; WO 2006024632 A3 20061207

DOCDB simple family (application)
EP 04104142 A 20040830; EP 05779150 A 20050829; EP 2005054224 W 20050829; PL 05779150 T 20050829; RU 2007111555 A 20050829