

Title (en)
Pane spacer

Title (de)
Fensterscheibenabstandhalter

Title (fr)
Profilé d'écartement

Publication
EP 2463472 A1 20120613 (EN)

Application
EP 11173508 A 20110712

Priority
• EP 10194208 A 20101208
• EP 11173508 A 20110712

Abstract (en)
A spacer assembly comprising a first sidewall 1 and a second sidewall 2 and a first bridge 3 and a second bridge 4. The first bridge 3 and second bridge 4 and the first sidewall 1 and the second sidewall 2 are separate members joined permanently to form a spacer preferably by welding. The bridge 3 and/or 4 have reduced thickness to reduce the heat loss and employ substantially high strength metal material. The bridge 3,4 and sidewall 1,2 may also employ different metal materials.

IPC 8 full level
E06B 3/663 (2006.01)

CPC (source: EP)
E06B 3/66314 (2013.01); **E06B 3/66323** (2013.01); **E06B 2003/6639** (2013.01)

Citation (applicant)
• US 5439716 A 19950808 - LARSEN JAMES E [US]
• US 5630306 A 19970520 - WYLIE DOUGLAS H [CA]
• DE 10226269 A1 20031002 - ENSINGER KUNSTSTOFFTECHNOLOGIE [DE]

Citation (search report)
• [XAI] EP 1889995 A1 20080220 - ROLL TECH AS [DK]
• [AD] US 5630306 A 19970520 - WYLIE DOUGLAS H [CA]
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• [AD] US 5439716 A 19950808 - LARSEN JAMES E [US]
• [A] DE 19807454 A1 19990826 - ENSINGER [DE]

Cited by
DK201670806A1; US11193324B2; EP3679216A4; CN112654762A; WO2020053082A1

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

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