

Title (en)

Window and/or blind frame for a window, door or similar

Title (de)

Flügel- und/oder Blendrahmen eines Fensters, einer Tür oder dergleichen

Title (fr)

Battant et/ou dormant d'une fenêtre, d'une porte ou analogue

Publication

**EP 2472044 B1 20190123 (DE)**

Application

**EP 11195684 A 20111223**

Priority

DE 202010013227 U 20101229

Abstract (en)

[origin: EP2472044A2] The sash or blind frame has bars made of aluminum hollow profiles (10,22) formed of inner and outer shells (11,12,23,24), which are connected with each other by the insulating bars (13,14,25,26) made of a thermally insulating material. One of the insulting bars is provided with two latching elements (18,19,29,30), which engage into insulation elements (17,31) resting against the respective insulating bar.

IPC 8 full level

**E06B 3/263** (2006.01)

CPC (source: EP)

**E06B 3/26301** (2013.01); **E06B 3/26303** (2013.01); **E06B 2003/2633** (2013.01); **E06B 2003/26332** (2013.01); **E06B 2003/26389** (2013.01); **E06B 2003/6244** (2013.01)

Citation (opposition)

Opponent : HUECK System GmbH & Co. KG,

- DE 10326503 A1 20041230 - RAICO BAUTECHNIK GMBH [DE]
- DE 19622278 A1 19971009 - GARTNER & CO J [DE]
- EP 1932998 A1 20080618 - ALCOA ALUMINIUM DEUTSCHLAND IN [DE]
- DE 29809323 U1 19980813 - GOETZ METALL ANLAGEN [DE]
- DE 29817976 U1 19981224 - SCHUECO INT KG [DE]
- US 2010175339 A1 20100715 - MORIYA MASANORI [US], et al
- DE 102006061655 A1 20080417 - RAICO BAUTECHNIK GMBH [DE]
- FR 2725753 A1 19960419 - SOC ET DES PROFILES D ALUMINIU [FR]
- CH 678747 A5 19911031 - HARTMANN & CO AG, et al
- DE 202005004338 U1 20050525 - SCHUECO INT KG [DE]
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Cited by

CN105715148A; DE102013100249A1; CN105781334A; CN105804589A; DE102012111444A1; EP2735686A3

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

DOCDB simple family (publication)

**DE 202010013227 U1 20120403**; EP 2472044 A2 20120704; EP 2472044 A3 20141105; EP 2472044 B1 20190123; EP 2472044 B2 20220309

DOCDB simple family (application)

**DE 202010013227 U 20101229**; EP 11195684 A 20111223