

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)

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

Publication

EP 2472044 B2 20220309 (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 :

- 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 ALUMINIUM [FR]
- CH 678747 A5 19911031 - HARTMANN & CO AG, et al
- DE 202005004338 U1 20050525 - SCHUECO INT KG [DE]
- DE 20219796 U1 20030320 - DIGI POINT GMBH [DE]
- GUTMANN-KATALOG, March 2010 (2010-03-01), pages 1 - 166
- HUECK & HARTMANN: "Einsatzelemente 72E für Fassaden", December 2006 (2006-12-01)
- Auszug aus dem Katalog 'Hueck & Hartmann - Fassaden', Stand 5/2004

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