

## Title (en)

Framework for manufacturing doors or windows of large dimensions

## Title (de)

Rahmen zur Herstellung von Türen oder Fenstern mit großen Abmessungen

## Title (fr)

Cadre pour la fabrication de portes ou de fenêtres de grandes dimensions

## Publication

**EP 2853674 B1 20160427 (EN)**

## Application

**EP 14398009 A 20140813**

## Priority

PT 10711713 A 20130813

## Abstract (en)

[origin: EP2853674A2] This invention relates to an aluminium framework intended for the manufacturing of doors or windows, which is applied into the opening of a building's door or window. It is comprised of, at least, one fixed rim (1) and also of stationary or movable panels (5), which are provided with the central (6) and reinforcing (7) studs, puller (9) and flapless puller (10), rim covers (3) and, at the centre, the sealants (4). The locking system (2) of the panels (5) is incorporated into the aluminium profiles of the fixed rim (1) and allows the number of the locking points to be adapted to the panels' (5) size. The panels (5) comprise an active acoustic absorption integrated system, which is aimed at reducing the noise pollution coming from the outside of the building, and which can be adjusted according to the location and the type of noise to be mitigated or eliminated. The framework system, which is the object of the present invention, allows the panels' (5) movement to be motorized with no need to replace any of the profiles from the fixed rim (1).

## IPC 8 full level

**E06B 7/14** (2006.01); **E06B 3/46** (2006.01); **E06B 5/20** (2006.01); **E06B 7/23** (2006.01)

## CPC (source: BR EP PT)

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## Citation (opposition)

Opponent : Sapa Building Systems France SARL

- WO 2011001321 A1 20110106 - ORCHIDEES CONST SA [CH], et al
- EP 0801194 A1 19971015 - ATP SA [ES]
- CN 2646354 Y 20041006 - BAODING BOSOAR NEW BUILDING MA [CN]
- CN 101881119 A 20101110 - UNIV NANJING, et al
- FR 2983231 A1 20130531 - NOVAL [FR]
- US 775668 A 19041122 - BOGENBERGER JOHN [US]
- US 3466819 A 19690916 - GIGER RICHARD N
- 26 July 2013 (2013-07-26), Retrieved from the Internet <URL:https://www.youtube.com/watch?v=Mv6sBuwzLhk>
- NOISE CANCELLATION WITHOUT HEADPHONES, 19 March 2008 (2008-03-19), Retrieved from the Internet <URL:https://www.youtube.com/watch?v=MNCWolxm3 w0>
- "Silentium Quiet Bubble at the CES", 4 November 2012 (2012-11-04), Retrieved from the Internet <URL:https://www.youtube.com/watch?v=dSIEfkSviXI>

## Cited by

CN109882052A; ITUB20160925A1; CN108894658A; GR1010046B; US11384592B2; WO2017195064A1; WO2019014910A1; EP3865644A1

## Designated contracting state (EPC)

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## DOCDB simple family (publication)

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## DOCDB simple family (application)

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