

Title (en)
ALIGNMENT AND JOINING SYSTEM FOR CLADDING PANELS HUNG TO WALL

Title (de)
AUSRICHTUNGS- UND VERBINDUNGSSYSTEM FÜR AN EINE WAND GEHÄNGTE VERKLEIDUNGSPLATTEN

Title (fr)
ALIGNEMENT ET SYSTÈME DE JONCTION DE PANNEAUX DE PAREMENT ACCROCHÉS À UN MUR

Publication
EP 3330453 A1 20180606 (EN)

Application
EP 17202197 A 20171116

Priority
IT 201600121487 A 20161130

Abstract (en)
An alignment and joining system for cladding panels hung to a wall of the type wherein a plurality of panels (11,12) are hung above each other on a supporting wall (13) by means of suspension devices (14) so that horizontal edges of the panels (11,12) are opposingly abutted against each other, at least one alignment and joining unit (22,122) composed of at least one base (23,123,223) for each panel (11, 12), cooperates in combination with the suspension devices (14), wherein at least one hole (25,125) and one pin (26,126) extending from the side, are present on a side of each base (23,123,223), the base (23,123,223) being fixed to each panel in correspondence with the horizontal edges so that at least one pin (26,126) of a base (23,123,223) of a panel (11,12) is inserted in the at least one hole (25,125) of the base (23,123,223) of the opposite panel (12,11) and viceversa.

IPC 8 full level
E04F 13/08 (2006.01); **E04B 1/61** (2006.01)

CPC (source: EP)
E04F 13/0821 (2013.01); **E04F 13/0835** (2013.01); **E04F 13/0846** (2013.01); **E04F 13/0851** (2013.01); **E04F 13/0892** (2013.01); **E04B 1/6116** (2013.01); **E04B 1/6179** (2013.01)

Citation (applicant)
• US 2016244967 A1 20160825 - ZHOU YI [CA], et al
• EP 2568095 A1 20130313 - LEONARDO SRL [IT]

Citation (search report)
• [A] US 2016244967 A1 20160825 - ZHOU YI [CA], et al
• [A] WO 9512043 A1 19950504 - WENDEL CHRISTOPHER M [US], et al
• [A] DE 3330221 A1 19850307 - KAMINSKI GERHARD
• [A] DE 3336506 A1 19840426 - DOERIG WERNER

Cited by
CN109184123A; US2020080319A1; US10975576B2

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

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EP 3330453 A1 20180606; EP 3330453 B1 20200429; ES 2805846 T3 20210215; IT 201600121487 A1 20180530

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