

Title (en)

Kit for composite thermal lining systems and ventilated walls

Title (de)

Bausatz für Wärmeverbundsysteme und hinterlüftete Fassaden

Title (fr)

Ensemble de pièces pour systèmes composites de parements d'isolation thermique et façades ventilées

Publication

EP 0682163 B2 20101006 (DE)

Application

EP 95106445 A 19950428

Priority

DE 4416536 A 19940510

Abstract (en)

[origin: EP0682163A2] The insulating plates are fixed to the supporting structure by dowels or similar fastening systems. To prevent the fixing dowel from coming out, the insulating plate has a large-mesh structure spanning the main surface of the plate. The size of the dowel heads engaging through the mesh as well as the mesh width of same are matched with each other so that the dowel heads engage over the individual mesh. The mesh structure can be formed by a woven grid of synthetic yarn or glass. <IMAGE>

IPC 8 full level

E04F 13/08 (2006.01); **E04B 1/74** (2006.01); **E04B 1/76** (2006.01); **E04B 1/80** (2006.01); **E04F 13/04** (2006.01)

CPC (source: EP)

E04B 1/762 (2013.01); **E04B 1/7633** (2013.01); **E04F 13/04** (2013.01); **E04F 13/0875** (2013.01)

Citation (opposition)

Opponent :

- EP 0277500 A2 19880810 - ROCKWOOL MINERALWOLLE [DE]
- DE 3317628 A1 19841115 - KALKSPATGRUBEN UND LABRANIT ED [DE]
- DE 3409592 A1 19841220 - JODEIT UDO DIPL ING
- DE 9105045 U1 19910613
- DE 3116977 A1 19821125 - GROETZ FRANZ GMBH [DE]
- DE 3444815 A1 19860612 - NOHLEN WOLFGANG

Cited by

EP1111289A3; BG1431U1; EP1008697A3; EP1388621A1; CN109184115A; GB2469389A; WO2016206817A1; WO2007029105A1

Designated contracting state (EPC)

AT BE CH DE DK LI NL

DOCDB simple family (publication)

EP 0682163 A2 19951115; EP 0682163 A3 19970423; EP 0682163 B1 20041013; EP 0682163 B2 20101006; AT E279611 T1 20041015; CZ 118395 A3 19951213; DE 4416536 A1 19951116; DE 4416536 C2 19970710; DE 4416536 C5 20040311; DE 59510958 D1 20041118; DE 9422214 U1 19990204; DK 0682163 T3 20050131; DK 0682163 T4 20110103

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EP 95106445 A 19950428; AT 95106445 T 19950428; CZ 118395 A 19950509; DE 4416536 A 19940510; DE 59510958 T 19950428; DE 9422214 U 19940510; DK 95106445 T 19950428