

Title (en)

UNIVERSAL Z-Z CHANNEL FOR MOUNTING WALL PANELS TO EXISTING WALL

Title (de)

UNIVERSELLER Z-Z-KANAL ZUR MONTAGE VON WANDPLATTEN AN EINER BESTEHENDEN WAND

Title (fr)

CANAL UNIVERSEL Z-Z POUR LE MONTAGE DE PANNEAUX MURAUX SUR UN MUR EXISTANT

Publication

EP 4047154 A1 20220824 (EN)

Application

EP 22157223 A 20220217

Priority

- US 202117180859 A 20210221
- US 202117203283 A 20210316
- US 202117560249 A 20211222

Abstract (en)

Disclosed is a system of cladding along an existing exterior wall of a building featuring a plurality of girt component, further comprising a plurality of Z-shaped components and a plurality of edge components deployed in a spaced apart arrangement and at an angle to each other, with an insulation material inserted between any two of the girt components. The girt components enforcing an air circulation and moisture gap between exterior wall paneling and insulation. The plurality of girt components may contain a slots that further provide air circulation and water drainage and provide anchor points for holding elements that securely attaches insulation material between adjacent girt components onto an existing wall, without unnecessarily breaching exterior sheeting or weather membrane that may be present on an existing wall. The use of clips, pegs or rods further speeds the installation process and reduces the cost and efficiency of insulation, while improving the thermal isolation of components attaching to the girt components.

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: CN EP)

E04B 1/7616 (2013.01 - EP); **E04B 2/58** (2013.01 - EP); **E04F 13/0803** (2013.01 - EP); **E04F 13/0805** (2013.01 - CN); **E04F 13/0817** (2013.01 - EP); **E04F 13/0875** (2013.01 - CN); **E04F 13/0889** (2013.01 - CN)

Citation (search report)

- [XA] US 5063721 A 19911112 - LARSSON JOHN A [SE]
- [XAI] US 10202775 B2 20190212 - KRAUSE G MATT [US]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 4047154 A1 20220824; AU 2022200889 A1 20220908; AU 2022200889 B2 20230907; AU 2023278062 A1 20240104; CA 3149513 A1 20220821; CN 114961158 A 20220830; MX 2022002061 A 20220929; TR 2022002324 A2 20220921

DOCDB simple family (application)

EP 22157223 A 20220217; AU 2022200889 A 20220210; AU 2023278062 A 20231207; CA 3149513 A 20220218; CN 202210157075 A 20220221; MX 2022002061 A 20220217; TR 2022002324 A 20220221