

Title (en)

Method of fastening an energy generating element, and curtain wall with removable panel

Title (de)

Verfahren zur Befestigung eines Energieelementes und Gebäudehülle mit davon lösbarem Paneel

Title (fr)

Méthode de fixation d'un composant générateur d'énergie et couverture de bâtiment avec un panneau détachable

Publication

**EP 1079442 A8 20010425 (DE)**

Application

**EP 99810772 A 19990826**

Priority

EP 99810772 A 19990826

Abstract (en)

[origin: EP1079442A1] A thin-film photovoltaic film is attached to a piece of sheet metal having an expansion characteristic compatible with the film. A panel is fabricated from film and sheet metal e.g. by crimping the edges of the sheet metal. The panel is displaceably attached to the metal covering of the building by brackets and strips (25), the panel being non-displaceably connected to the metal covering at one point. When the panel is mounted, the brackets engage behind the strip, which is attached to an outward corrugation (19) of a profile sheet metal roof. Independent claims are included for a building cladding, a sheet metal roofing, and a building cladding with panels.

IPC 1-7

**H01L 31/042**; E04D 13/18

IPC 8 full level

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CPC (source: EP)

**E04D 13/10** (2013.01); **F24S 25/613** (2018.04); **F24S 25/615** (2018.04); **F24S 25/632** (2018.04); **F24S 25/70** (2018.04); **H02S 20/23** (2014.12); **F24S 2025/601** (2018.04); **F24S 2025/806** (2018.04); **Y02B 10/10** (2013.01); **Y02B 10/20** (2013.01); **Y02E 10/47** (2013.01); **Y02E 10/50** (2013.01)

Cited by

EP1267418A3; AU2015203307B2; CN113982181A; WO2011060753A3; WO0169688A1; US10505492B2

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