

Title (en)

SOLAR ROOFING TILE/SLAB

Title (de)

SOLAR-DACHZIEGEL/DACHSTEIN

Title (fr)

TUILE/ELEMENT DE COUVERTURE SOLAIRE

Publication

EP 0719459 A1 19960703 (DE)

Application

EP 94927556 A 19940903

Priority

- DE 4331424 A 19930916
- DE 4331425 A 19930916
- DE 4411458 A 19940401
- EP 9402943 W 19940903

Abstract (en)

[origin: US5768831A] PCT No. PCT/EP94/02943 Sec. 371 Date Apr. 24, 1996 Sec. 102(e) Date Apr. 24, 1996 PCT Filed Sep. 3, 1994 PCT Pub. No. WO95/08194 PCT Pub. Date Mar. 23, 1995The invention relates to a roof tile/roof slate/wall plate 1 made of a plate of clay, ceramic, concrete, fiber cement or synthetic, serving as a carrier for a solar panel 6 with photovoltaic solar cells 7 to be attached to its upper side where said solar panel 6 is attached form-fittingly to the upper side of the roof tile/roof slate/wall plate with at least two sides opposite to one another at the inner edges of a recess of a roof tile/roof slate/wall plate indent, and where the extensions 5, due to their own flexibility, are engaged in a snap-in manner particularly form-fittingly in recesses 4 of the roof tile/roof slate/wall plate indentation 2.

IPC 1-7

H01L 31/048; E04D 1/30

IPC 8 full level

E04D 13/18 (2006.01); **F24J 2/04** (2006.01); **H01L 31/048** (2006.01)

CPC (source: EP US)

F24S 20/69 (2018.04 - EP US); **H01L 31/048** (2013.01 - EP US); **H01L 31/049** (2014.12 - EP); **H02S 20/23** (2014.12 - EP US); **H02S 20/25** (2014.12 - EP US); **F24S 2025/6004** (2018.04 - EP US); **Y02B 10/10** (2013.01 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/40** (2013.01 - EP); **Y02E 10/44** (2013.01 - US); **Y02E 10/50** (2013.01 - EP US); **Y10S 136/291** (2013.01 - EP US)

Citation (search report)

See references of WO 9508194A1

Cited by

CN110258973A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)

US 5768831 A 19980623; AU 7694094 A 19950403; EP 0719459 A1 19960703; WO 9508194 A1 19950323

DOCDB simple family (application)

US 61521596 A 19960626; AU 7694094 A 19940903; EP 9402943 W 19940903; EP 94927556 A 19940903