

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau

(43) International Publication Date  
13 February 2025 (13.02.2025)



(10) International Publication Number  
**WO 2025/032548 A1**

(51) International Patent Classification:  
*E06B 3/66* (2006.01) *E06B 3/54* (2006.01)

(21) International Application Number:  
PCT/IB2024/057731

(22) International Filing Date:  
09 August 2024 (09.08.2024)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:  
102023000017124 10 August 2023 (10.08.2023) IT

(72) Inventor; and

(71) Applicant: **PETRONI, Daniele** [IT/IT]; Piazza della Scala  
50, 00153 Roma (IT).

(74) Agent: **VATTI, Francesco Paolo** et al.; c/o FUMERO  
S.r.l., Via Sant'Agnese, 12, 20123 Milano (IT).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ,  
CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM,  
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,  
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,

KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,  
MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA,  
NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO,  
RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,  
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, CV,  
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST,  
SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ,  
RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,  
DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,  
LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE,  
SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed  
contained color or greyscale and is available for download  
from PATENTSCOPE

(54) Title: PERIMETER AND STRUCTURAL CLADDING PROFILE FOR THE CONVERSION OF FACADES INTO THE PRIMARY THERMAL AND INDOOR AIR QUALITY MANAGEMENT SYSTEM AND FACADE CLADDING INTERCHANGEABILITY SYSTEM WITHOUT REMOVAL OF THE LOAD-BEARING GRID

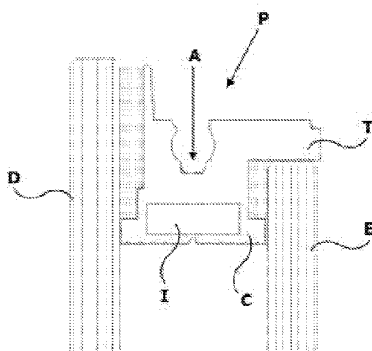


Fig. 1

(57) Abstract: A perimeter profile of a cladding panel of the type consisting of a central body from which a longitudinal retaining arm of a first cladding panel and a transverse retaining arm of a second cladding panel are opposed, characterised in that said profile provides recesses for housing and stabilising connection and sealing elements interposed between said cladding panel and said opposed arms, said connection and sealing elements comprising at least structural silicone.



WO 2025/032548 A1