

Title (en)
Cleanroom barrier unit

Title (de)
Reinraumbegrenzungseinheit

Title (fr)
Unité de limitation de salle blanche

Publication
EP 2722456 B1 20210407 (DE)

Application
EP 13185776 A 20130924

Priority
DE 102012020200 A 20121016

Abstract (en)
[origin: EP2722456A2] The structure (10) has a wall module (12) including an inside wall and an exterior wall, where an air circulation region is formed between the inside wall and the exterior wall, and the inside wall and the exterior wall are formed in partial transparent manner. An air circulation and/or return air duct is formed in the air circulation portion. An air flowing through device (16) permits airflow by the inside and exterior walls. The air flowing through device is adjustably arranged at bottom portion of the wall module.

IPC 8 full level
E04C 2/54 (2006.01); **E04C 2/52** (2006.01); **F24F 3/00** (2006.01); **F24F 3/16** (2021.01)

CPC (source: EP)
E04C 2/523 (2013.01); **E04C 2/54** (2013.01); **E06B 7/02** (2013.01); **F24F 3/167** (2021.01); **E06B 2007/026** (2013.01); **F24F 2221/17** (2013.01)

Citation (examination)

- FR 1252603 A 19610203
- US 3570205 A 19710316 - PAYNE CHARLES
- US 3789567 A 19740205 - RAE J, et al

Citation (opposition)
Opponent : Weiss Klimatechnik GmbH,

- US 5029518 A 19910709 - AUSTIN FRANK X [US]
- JP S61175424 A 19860807 - AOKI CONSTRUCTION
- GB 2283071 A 19950426 - CURTIS STEEL LIMITED [GB]
- GB 2346627 B 20030430 - DRUMMOND TREVOR IAN [GB]
- FR 2719089 A1 19951027 - DUBOIS MATERIAUX [FR]
- FR 2541707 A1 19840831 - WANNER ISOFI ISOLATION [FR]
- KR 20110011967 U 20111228
- DE 2706968 A1 19791004 - SCHMIDT REUTER
- US 7468084 B2 20081223 - BAUER HELMUT [DE], et al
- US 5681219 A 19971028 - LEFEVRE GREGG S [US], et al
- JP 2008275233 A 20081113 - NIPPON SPINDLE MFG CO LTD
- JP 2010107109 A 20100513 - TAISEI CORP
- JP 2004024253 A 20040129 - ISEKI AGRICULT MACH
- US 5644878 A 19970708 - WEHRMANN GARY [US]
- FR 2338359 A1 19770812 - POLLET SA [FR]
- JP 2009002609 A 20090108 - HITACHI PLANT TECHNOLOGIES LTD
- DE 20300584 U1 20030508 - OPITZ & FLIERL HOSPITALTECHNIK [DE]
- JP 3855194 B2 20061206

Cited by
CN109914690A

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

DOCDB simple family (publication)
EP 2722456 A2 20140423; EP 2722456 A3 20160928; EP 2722456 B1 20210407; DE 102012020200 A1 20140417; DK 2722456 T3 20210628

DOCDB simple family (application)
EP 13185776 A 20130924; DE 102012020200 A 20121016; DK 13185776 T 20130924