

Title (en)
Connecting or extension element fit for walking on it with double use for modular elements for aerated and/or elevated floors

Title (de)
Verbindungselement zum Begehen mit doppeltem Verwendungszweck für modulare Verbundelementen für ventilierte und/oder erhöhte Fussboden

Title (fr)
Élément de liaison adapté à ce que l'on marche dessus, à double utilisation pour des éléments modulaires pour plancher aérés et/ou surélevés

Publication
EP 1564343 A1 20050817 (EN)

Application
EP 04425951 A 20041220

Priority
IT PD20040043 A 20040217

Abstract (en)
It is a connecting or extension element (P) for modular elements for the realization of aerated and/or elevated floors made of a linear element in thermoplastic material having generically U-shaped vertical section made of two lateral walls (P1) and an upper arched surface (P2), while both ends of the new element (P) are closed each by a wall (P3). Three lower edges (P4) of the new element (P) has enlarged supporting base provided with relieves or couplers (P4a) fit for allowing the connexion and the fixing of the new connecting and plugging element (P) to the metallic bars (Ar) of the reinforcement of the floor, while the lower edge has no enlarged base in order to allow that the element (P) is flanked to a beam or to an existing edge foundation. <IMAGE>

IPC 1-7
E04F 15/024; E04B 5/48; E04B 5/36

IPC 8 full level
E04B 5/36 (2006.01); **E04B 5/48** (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP US)
E04B 5/48 (2013.01 - EP US); **E04F 15/02429** (2013.01 - EP US)

Citation (search report)

- [X] US 2003115809 A1 20030626 - PONTAROLO VALERIO [IT]
- [X] EP 1236843 A2 20020904 - STUDIO TECNICO ING GIORGIO CRI [IT]
- [X] GB 1034607 A 19660629 - HERMANN HANEKAMP
- [A] US 5797230 A 19980825 - LASSEN JORGEN [DK]
- [X] GB 1482168 A 19770810 - ATEX BUILDING PROD LTD

Cited by
WO2020181326A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1564343 A1 20050817; **EP 1564343 B1 20151118**; CA 2497362 A1 20050817; IT PD20040043 A1 20040517; US 2005178080 A1 20050818; US 2010115869 A1 20100513

DOCDB simple family (application)
EP 04425951 A 20041220; CA 2497362 A 20050214; IT PD20040043 A 20040217; US 2301904 A 20041223; US 61325109 A 20091105