

Title (en)  
CONSTRUCTION JOINT FOR CONCRETE FLOORS WITH NON-LINEAR UPPER PROFILE IN ENGINEERING GRADE PLASTIC POLYMERS

Title (de)  
BAUWERKSFUGE FÜR BETONBÖDEN MIT NICHT-LINEAREM OBERPROFIL IN TECHNISCHEM KUNSTSTOFFPOLYMER

Title (fr)  
JOINT DE CONSTRUCTION POUR DES PLANCHERS EN BÉTON AVEC PROFIL SUPÉRIEUR NON LINÉAIRE EN POLYMÈRE PLASTIQUE D'INGÉNIERIE

Publication  
**EP 3910109 A1 20211117 (EN)**

Application  
**EP 20398003 A 20200513**

Priority  
EP 20398003 A 20200513

Abstract (en)  
The present invention is a construction joint specially designed to protect the joint edge on concrete floors. Produced in engineering plastic polymers, it is especially suitable for repairing floors, however, it can be used for other purposes in conjunction with formwork systems. This invention is characterized by being a modular system with quick fittings that don't require tools to assemble the various modules. Each module consists of a single piece that has a vertical non-linear profile (1) and lateral anchoring (2) with holes (7) to allow its positioning and leveling. To make a joint are required at least two modules that are joined together through a male (3) - female (4) quick fitting system that allows not only the assembly of the joint in the closed position but also an open one. There is also a male (5) - female (6) fitting system for assembling sequential modules.

IPC 8 full level  
**E01C 11/14** (2006.01)

CPC (source: EP)  
**E01C 11/14** (2013.01)

Citation (applicant)  
• PT 107249 A 20150421 - GONÇALVES VIRGÍLIO DAVID LOPES [PT]  
• US 4332504 W

Citation (search report)  
• [X] WO 2015173549 A1 20151119 - PERMABAN LTD [GB]  
• [X] WO 2017199055 A1 20171123 - RCR FLOORING PRODUCTS LTD [GB]  
• [A] DE 2251966 A1 19740502 - KOBER AG

Cited by  
EP4253654A1

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