

Title (en)

Sealing device for sealing construction joints

Title (de)

Abdichtungsvorrichtung zur Abdichtung von Arbeitsfugen

Title (fr)

Dispositif d'étanchéification destiné à étanchéifier des joints de construction

Publication

EP 2060689 B1 20181024 (DE)

Application

EP 07022063 A 20071114

Priority

EP 07022063 A 20071114

Abstract (en)

[origin: EP2060689A1] The device (6) for sealing construction joints (4, 5) such as concrete joints, comprises a carrier (7), and a coating (8) applied on the carrier in an area-wise manner, where the coating has a bonding agent, a sealing material, which consists of a calcium aggregating agent and a latent hydraulic material, and a rock flour and/or a rock sand. The aggregating agent is a compound or a mixture of compounds, which splits carbonate ions or silicate ions by a chemical reaction during contacting with water. The bonding agent is a latex dispersion. The carrier is a galvanized carrier sheet. The device (6) for sealing construction joints (4, 5) such as concrete joints, comprises a carrier (7), and a coating (8) applied on the carrier in an area-wise manner, where the coating has a bonding agent, a sealing material, which consists of a calcium aggregating agent and a latent hydraulic material, and a rock flour and/or a rock sand. The aggregating agent is a compound or a mixture of compounds, which splits carbonate ions or silicate ions by a chemical reaction during contacting with water. The bonding agent is a latex dispersion. The carrier is a galvanized carrier sheet and has the coating only on one side lying against the side to be insulated. The coating on the carrier forms a rough surface. An independent claim is included for a joint seal.

IPC 8 full level

E04B 1/68 (2006.01)

CPC (source: EP)

E04B 1/6806 (2013.01); **E04B 1/6807** (2013.01); **E04B 2001/6818** (2013.01)

Citation (examination)

- US 6007615 A 19991228 - KATO KEISUKE [JP], et al
- US 2005197442 A1 20050908 - JONES GLENN E [US], et al
- DE 102005005525 A1 20051013 - STEKOX GMBH [DE]

Cited by

DE102013104818A1; CN1111119354A; CN104074272A; DE102014116678A1; EP3725966A1; DE202013102027U1; WO2018205646A1; DE202021103929U1

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