

Title (en)

A COMPOSITE MATERIAL FOR ATTACHMENT TO A CONCRETE PANEL

Publication

**EP 0429730 B1 19930317 (EN)**

Application

**EP 89312545 A 19891201**

Priority

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Abstract (en)

[origin: EP0429730A1] A composite material for attachment to a concrete panel comprising a water/air-permeable sheet being adapted such that a woven or nonwoven fabric is smoothened at least on the surface thereof by heat treatment and having a water-permeability value of 0.5 to 50 l/m<2>/min and an air permeability value of 0.1 to 20 ml/cm<2>/sec, an adhesive layer applied to the back of the sheet, and a releasing sheet removably attached to the adhesive layer, wherein after the releasing sheet is removed, the water/air-permeable sheet is attached to the concrete placement side of the concrete panel via the adhesive layer. When a concrete frame is made using the composite material of the present invention and concrete is placed into the frame, surplus water and air are quickly discharged from the placed concrete. The concrete body thus obtained is superior in strength and appearance free from cold joints and pinholes. Furthermore, due to superior releasability, work efficiency can be increased significantly.

IPC 1-7

**E04G 9/10**

IPC 8 full level

**E04G 9/10** (2006.01)

CPC (source: EP)

**E04G 9/10** (2013.01)

Cited by

JP2015200072A; US5824347A; US5247730A; JP2017222984A; JP2017166290A; US5302099A; JP2015218451A; JP2016196730A; EP0978604A1; JP2017075468A; WO2010127657A3; WO9813179A1; WO0054948A1; WO9210346A3

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