

Title (en)
Method for cleaning structural surface

Title (de)
Verfahren zum Reinigen einer strukturellen Oberfläche

Title (fr)
Procédé pour nettoyer une surface structurale

Publication
EP 0864377 A3 19990519 (EN)

Application
EP 97305836 A 19970801

Priority
JP 6129097 A 19970314

Abstract (en)
[origin: EP0864377A2] A method for cleaning structural surface 1 by forming a substratum membrane 17a thereon through application and drying of a thin layer 16 of aqueous solution 5 of membrane-forming polymer 2 on a structural surface, spreading a fibrous reinforcing member 15 on the thin layer 16 before drying or the substratum membrane 17a after dried, and the aqueous solution 5 is applied on the outer surface of the reinforcing member 15 while wetting it in such a manner that, upon drying, an overlying membrane 17b integral with both the substratum membrane 17a and the reinforcing member 15 is formed so as to generate a multi-layer membrane 18 having the substratum and overlying membrane sandwiching the reinforcing member. After causing foreign matters on the structural surface 1 to adhere onto the substratum membrane 17a, the multi-layer membrane 18 is peeled off from the structural surface 1. <IMAGE>

IPC 1-7
B08B 7/00; C11D 11/00

IPC 8 full level
B08B 7/00 (2006.01); **E04G 23/00** (2006.01)

CPC (source: EP)
B08B 7/0014 (2013.01); **E04G 23/002** (2013.01)

Citation (search report)

- [YA] US 5505787 A 19960409 - YAMAGUCHI KYOICHI [JP]
- [YA] EP 0681875 A1 19951115 - KAJIMA CORP [JP]
- [A] US 4613378 A 19860923 - CHRISTY LAWRENCE [US]
- [A] DE 2603290 A1 19770804 - HILGENSTOCK CLAUS
- [A] US 5120369 A 19920609 - MALOTKY LYLE O [US]
- [E] PATENT ABSTRACTS OF JAPAN vol. 98, no. 6 30 April 1998 (1998-04-30)
- [PXAY] PATENT ABSTRACTS OF JAPAN vol. 97, no. 10 31 October 1997 (1997-10-31) & JP H07321032 A 19951208 - FUJITSU LTD

Cited by
ES2264345A1; WO2014110128A1; US7224421B1; US7760305B2; US7821603B2; US7965363B2; US8134671B2; US8553188B2

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