

Title (en)

In situ fluoropolymer polymerization into porous substrates

Title (de)

In situ Fluoropolymerpolymerisation in poröse Substrate

Title (fr)

Polymérisation in situ de polymères fluorés dans des substrats poreux

Publication

EP 1754547 A2 20070221 (EN)

Application

EP 06075643 A 19991026

Priority

- EP 99970953 A 19991026
- US 10579898 P 19981027
- US 40917399 A 19990930
- US 40920799 A 19990930

Abstract (en)

The present invention relates to in situ polymerization of fluoropolymer into porous substrates, to improve resistance to wear, tear and creep, decay, and degradation by wetting, staining and warping, and to improve durability while maintaining the appearance of the substrate.

IPC 8 full level

B05D 5/00 (2006.01); **B05D 7/00** (2006.01); **B05D 7/08** (2006.01); **B05D 7/12** (2006.01); **B05D 7/24** (2006.01); **C08F 2/00** (2006.01); **C08F 14/00** (2006.01); **C14C 11/00** (2006.01); **D06M 14/00** (2006.01); **D06M 15/256** (2006.01); **D21H 19/16** (2006.01)

CPC (source: EP)

B05D 1/60 (2013.01); **B05D 7/08** (2013.01); **B05D 7/12** (2013.01); **C14C 11/003** (2013.01); **D06M 14/00** (2013.01); **D06M 15/256** (2013.01); **D21H 19/16** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1754547 A2 20070221; **EP 1754547 A3 20070530**

DOCDB simple family (application)

EP 06075643 A 19991026