

Title (en)

TREATMENT COMPOSITIONS AND DEVICES HAVING A SOLID ADHESIVE LAYER AND A TREATMENT GEL

Title (de)

BEHANDLUNG, ZUSAMMENSETZUNGEN UND VORRICHTUNGEN MIT EINER FESTEN KLEBESCHICHT UND EINEM BEHANDLUNGSGEL

Title (fr)

DISPOSITIFS ET COMPOSITIONS DE TRAITEMENT COMPORTANT UNE COUCHE ADHESIVE SOLIDE ET UN GEL DE TRAITEMENT

Publication

EP 1663054 A1 20060607 (EN)

Application

EP 04752965 A 20040507

Priority

- US 2004016065 W 20040507
- US 64644303 A 20030822
- US 69211703 A 20031022
- US 72852503 A 20031205
- US 78406304 A 20040219

Abstract (en)

[origin: WO2005023142A1] Treatment compositions in the shape of a dental tray (10), strip or patch include an adhesive composition (20) and a treatment gel (28). A barrier layer (18) may be included to form a treatment device (10) that protects the treatment gel (28) from saliva or moisture during use. The adhesive composition (20) is substantially solid and has increased adhesiveness to oral tissue when moistened with saliva or water. The adhesive composition (20) is formed from an intermediate composition that is heated to drive off the solvent. Using a treatment gel (28) separate from the adhesive composition (20) improves the potency and stability of the active agent prior to use.

IPC 1-7

A61C 17/02; **A61C 5/00**

IPC 8 full level

A61C 5/00 (2006.01); **A61C 17/02** (2006.01); **A61C 19/06** (2006.01)

CPC (source: EP)

A61C 19/063 (2013.01); **A61C 19/066** (2013.01); **A61K 8/042** (2013.01); **A61K 8/42** (2013.01); **A61K 8/8147** (2013.01); **A61K 8/8176** (2013.01); **A61K 8/86** (2013.01); **A61P 1/02** (2017.12); **A61Q 11/00** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005023142 A1 20050317; AU 2004270099 A1 20050317; BR PI0413753 A 20061031; EP 1663054 A1 20060607; EP 1663054 A4 20090304; JP 2007503251 A 20070222

DOCDB simple family (application)

US 2004016065 W 20040507; AU 2004270099 A 20040507; BR PI0413753 A 20040507; EP 04752965 A 20040507; JP 2006524617 A 20040507