

Title (en)

VINYL ETHERS SYNTHESIZED FROM HYDROXYLATED VINYL ETHERS AND POLYEPOXIDES

Publication

**EP 0496828 A4 19930331 (EN)**

Application

**EP 90916980 A 19901011**

Priority

- US 42445389 A 19891020
- US 42447289 A 19891020
- US 48103790 A 19900216
- US 48108490 A 19900216

Abstract (en)

[origin: WO9105814A1] Epoxy vinyl ethers are synthesized by the reaction of a hydroxylated vinyl ether and a diepoxy aryl hydroxyalkyl ether coreactant such as a diepoxy compound of bisphenols or an epoxy novolac resin in a ratio of the total number of epoxy groups to hydroxyl groups of in excess of at least one. A fluorinated vinyl ether is synthesized by the reaction of a vinyl ether epoxide and a fluoro alkanol. The vinyl ethers are cationically induced radiation cured, resulting in products which are not oxygen inhibited and which are polymerizable after removal from radiation, unlike free radical systems. They are used as release agents and stain protective coatings.

IPC 1-7

**C08G 59/14**

IPC 8 full level

**C08F 290/06** (2006.01); **C08G 59/14** (2006.01); **C08G 59/68** (2006.01)

CPC (source: EP)

**C08F 290/06** (2013.01); **C08G 59/1444** (2013.01); **C08G 59/68** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9105814A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9105814 A1 19910502**; AU 5389394 A 19940428; AU 646824 B2 19940310; AU 662670 B2 19950907; AU 6729890 A 19910516; CA 2027918 A1 19910421; EP 0496828 A1 19920805; EP 0496828 A4 19930331

DOCDB simple family (application)

**US 9005774 W 19901011**; AU 5389394 A 19940119; AU 6729890 A 19901011; CA 2027918 A 19901018; EP 90916980 A 19901011