

Title (en)

UV-CURABLE COATING COMPOSITION HAVING IMPROVED WATER RESISTANCE AND OPTICAL FIBER USING THE SAME

Title (de)

UV-HÄRTBARE BESCHICHTUNGSZUSAMMENSETZUNG MIT ERHÖHTER WASSERFESTIGKEIT UND GLASFASER DAMIT

Title (fr)

COMPOSITION DE REVÊTEMENT À SÉCHAGE SOUS UV PRÉSENTANT UNE RÉSISTANCE À L'EAU AMÉLIORÉE ET FIBRE OPTIQUE UTILISANT

Publication

**EP 2318359 A2 20110511 (EN)**

Application

**EP 09798104 A 20090715**

Priority

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Abstract (en)

[origin: WO2010008201A2] The present invention provides a UV-curable coating composition comprising an alkylene oxide-based urethane acrylate monomer and an optical fiber using the same, the optical fiber showing improved water resistance and excellent thermal, mechanical and chemical stabilities.

IPC 8 full level

**C07C 271/08** (2006.01); **C07C 271/20** (2006.01); **C07C 271/24** (2006.01); **C07C 271/28** (2006.01); **C08G 18/10** (2006.01); **C08G 18/67** (2006.01); **C08L 75/16** (2006.01); **C09D 175/16** (2006.01)

CPC (source: EP KR)

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C-Set (source: EP)

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