

Title (en)

POLYMERIZABLE OLIGOMERIC URETHANE COMPOSITIONS COMPRISING NANOPARTICLES

Title (de)

POLYMERISIERBARE OLIGOMERE URETHAN-ZUSAMMENSETZUNGEN MIT NANOPARTIKELN

Title (fr)

COMPOSITIONS D' URETHANE OLIGOMERE POLYMERISABLE COMPRENANT DES NANOPARTICULES

Publication

**EP 1869115 A1 20071226 (EN)**

Application

**EP 06738131 A 20060310**

Priority

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- US 66096205 P 20050311

Abstract (en)

[origin: WO2006099375A1] Presently described are microstructured articles such as a brightness enhancing film or optical turning film. The microstructured articles comprise a brightness enhancing polymerized structure comprising the reaction product of a composition comprising an organic component having at least one oligomeric urethane (meth)acrylate and surface modified silica nanoparticles.

IPC 8 full level

**C08G 18/67** (2006.01); **C08J 5/18** (2006.01); **C08K 3/36** (2006.01); **C08K 9/06** (2006.01); **G02B 1/04** (2006.01); **G02B 5/04** (2006.01); **G02F 1/13357** (2006.01)

CPC (source: EP KR)

**B82Y 30/00** (2013.01 - EP); **C08G 18/4277** (2013.01 - EP); **C08G 18/67** (2013.01 - KR); **C08G 18/672** (2013.01 - EP); **C08G 18/718** (2013.01 - EP); **C08G 18/73** (2013.01 - EP); **C08J 5/18** (2013.01 - KR); **C08K 3/36** (2013.01 - KR); **C09D 175/16** (2013.01 - EP); **G02B 5/045** (2013.01 - EP); **G02B 6/0053** (2013.01 - EP); **B82Y 30/00** (2013.01 - KR)

Citation (search report)

See references of WO 2006099375A1

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