

Title (en)  
ELECTROPHORETIC MEDIA

Title (de)  
ELEKTROPHORETISCHE MEDIEN

Title (fr)  
MILIEU ELECTROPHORETIQUE

Publication  
**EP 1671172 A4 20070822 (EN)**

Application  
**EP 04794510 A 20041008**

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- US 2004033188 W 20041008
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- US 48157403 P 20031029
- US 70813004 A 20040209

Abstract (en)  
[origin: WO2005036129A2] A first electrophoretic medium comprises an electrically charged particle suspended in a suspending fluid, the particle having a polymeric shell having repeating units derived from at least one monomer the homopolymer of which is incompatible with the suspending fluid. A second, similar electrophoretic medium comprises a suspending fluid, and first and second types of electrically charged particle suspended in the suspending fluid, the two types of particle having differing optical characteristics but both having polymeric shells. The polymeric shells are arranged such that homoaggregation of the two types of particles is thermodynamically favored over heteroaggregation.

IPC 8 full level  
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**G02F 2202/022** (2013.01 - EP)

Citation (search report)

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- [XA] US 6194488 B1 20010227 - CHEN JING HONG [US], et al
- [XA] WO 0192359 A1 20011206 - CREAVIS TECH & INNOVATION GMBH [DE], et al
- [X] JP 2002244160 A 20020828 - MITSUBISHI PAPER MILLS LTD
- See references of WO 2005036129A2

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KR 20070028287 A 20070312; KR 20130048276 A 20130509; KR 20140101879 A 20140820

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