

Title (en)
CHARGE DIRECTOR COMPOSITION

Title (de)
LADUNGSSTEUERUNGSZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE CONTROLE DE CHARGE

Publication
EP 0456659 B1 20040630 (EN)

Application
EP 90902057 A 19900116

Priority
• US 30615589 A 19890206
• US 9000155 W 19900116

Abstract (en)
[origin: WO9008983A1] A method for stabilizing a charge director solution, and a charge director composition made by this method, whereby a charge director is mixed with a solvent and a polar monomer species and a polymerization reaction is initiated and allowed to progress to completion.

IPC 1-7
G03G 9/135; **G03G 9/13**; **G03G 9/12**

IPC 8 full level
G03G 9/12 (2006.01); **G03G 9/13** (2006.01); **G03G 9/135** (2006.01)

CPC (source: EP KR)
G03G 9/12 (2013.01 - EP); **G03G 9/13** (2013.01 - KR); **G03G 9/131** (2013.01 - EP); **G03G 9/135** (2013.01 - EP)

Citation (examination)
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Designated contracting state (EPC)
CH DE FR GB IT LI

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WO 9008983 A1 19900809; CA 2026212 A1 19900807; CA 2026212 C 19971202; CN 1041462 C 19981230; CN 1045304 A 19900912; DE 69034151 D1 20040805; DE 69034151 T2 20050630; EP 0456659 A1 19911121; EP 0456659 B1 20040630; HK 1012439 A1 19990730; JP 3076921 B2 20000814; JP H04503262 A 19920611; KR 0180733 B1 19990501; KR 920701871 A 19920812; MX 173774 B 19940325

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US 9000155 W 19900116; CA 2026212 A 19900116; CN 90101168 A 19900206; DE 69034151 T 19900116; EP 90902057 A 19900116; HK 98113434 A 19981215; JP 50197790 A 19900116; KR 910700908 A 19910806; MX 1931290 A 19900130