

Title (en)  
PROCESS FOR PRODUCING PURIFIED SOLUTIONS OF BLOCKED POLYHYDROXYSTYRENE RESIN

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON GEREINIGTEN LÖSUNGEN VON POLYHYDROSTYROL-BLOCKHARZEN

Title (fr)  
PROCEDE DE PRODUCTION DE SOLUTIONS PURIFIEES DE RESINE POLYHYDROXYSTYRENE INHIBEE

Publication  
**EP 1086147 A4 20030205 (EN)**

Application  
**EP 99917661 A 19990423**

Priority  
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• US 7476398 A 19980508

Abstract (en)  
[origin: WO9958579A1] A process for making purified cross-linked polyhydroxystyrene resin, comprising the steps of: (1) forming an impure reaction solution comprising blocked polyhydroxystyrene resin and acidic catalyst in a reaction solvent; (2) adding amine, water, at least one hydrocarbon solvent, and at least one photoresist solvent, thereby forming an aqueous phase and an organic phase, said aqueous phase comprising water and at least one salt of the amine/acidic catalyst and the organic phase comprising the reaction solvent, the hydrocarbon solvent, the photoresist solvent and the blocked polyhydroxystyrene resin; (3) separating the aqueous phase from the organic phase; and (4) removing the hydrocarbon solvent and reaction solvent from the organic phase, thereby forming a purified solution of the blocked polyhydroxystyrene resin in the photoresist solvent.

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CPC (source: EP KR)  
**C08F 6/02** (2013.01 - EP KR); **C08F 12/24** (2013.01 - KR); **C08J 3/09** (2013.01 - EP KR); **G03F 7/039** (2013.01 - KR); **G03F 7/26** (2013.01 - KR); **C08J 2325/18** (2013.01 - EP)

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• [DA] EP 0718316 A2 19960626 - OCG MICROELECTRONIC MATERIALS [US]  
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