

Title (en)

BENZENE-FREE MALEIC ANHYDRIDE/VINYL ETHER POLYMERS.

Title (de)

BENZOLFREIE MALEINSÄUREANHYDRID/VINYLETHER POLEMERE.

Title (fr)

POLYMERES D'ETHER VINYLIQUE/D'ANHYDRIDE MALEIQUE DEPOURVUS DE BENZENE.

Publication

**EP 0593565 A4 19950329 (EN)**

Application

**EP 92914152 A 19920617**

Priority

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- US 72641591 A 19910705
- US 73728991 A 19910729

Abstract (en)

[origin: WO9301220A1] A process for the manufacture of benzene-free maleic anhydride/lower alkyl vinyl ether polymer having a specific viscosity ranging from about 1.0 to about 5.5 by premixing maleic anhydride and the alkyl vinyl ether in a mole ratio of between about 1:1.1 and about 1:2 in a cosolvent mixture of lower alkyl substituted benzene, a C6-8 alkane, a saturated lower alkyl ether with a lower alkyl vinyl ether as cosolvent and reacting the monomeric complexed mixture at elevated temperature and pressure in continuous contact with a peroxide initiator wherein the specific viscosity is controlled by adjusting the amount of lower alkyl vinyl ether in the cosolvent mixture. The polymeric product is recovered from the resulting slurry by vacuum drying.

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IPC 8 full level

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CPC (source: EP)

**C08F 216/18** (2013.01); **C08F 222/06** (2013.01)

Citation (search report)

- [PX] WO 9202564 A1 19920220 - ISP INVESTMENTS INC [US]
- [E] EP 0522465 A1 19930113 - DAICEL CHEM [JP]
- See references of WO 9301220A1

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