

Title (en)

COPOLYMERS OF MALEIC ANHYDRIDE AND ACRYLIC ACID USEFUL IN DENTURE ADHESIVES

Publication

**EP 0521934 A4 19930217 (EN)**

Application

**EP 91906377 A 19910304**

Priority

- US 50105990 A 19900329
- US 50561690 A 19900406

Abstract (en)

[origin: WO9114716A1] Slurry copolymerization of maleic anhydride with (meth)acrylic acid and, optionally, with C1-C4 alkyl vinyl ether in a cosolvent system of cyclohexane and ethyl acetate yields a pumpable slurry, from which uniform, fine, white powders having a predetermined weight average molecular weight of about 10,000 to one million, preferably about 30,000 to 400,000 are obtained. The copolymers are useful in a denture adhesive composition which is a mixed partial salt of the copolymer.

IPC 1-7

**C08F 8/12**; **C08F 8/42**; **C08F 8/44**; **C08F 20/06**; **C08F 20/08**

IPC 8 full level

**A61K 6/00** (2006.01); **C08F 2/04** (2006.01); **C08F 2/06** (2006.01); **C08F 20/02** (2006.01); **C08F 220/06** (2006.01); **C08F 220/10** (2006.01); **C08F 220/18** (2006.01); **C08F 222/06** (2006.01)

CPC (source: EP)

**A61K 6/35** (2020.01); **C08F 220/06** (2013.01)

Citation (search report)

- [Y] US 3741926 A 19730626 - JURECIC A
- [Y] EP 0328725 A2 19890823 - GOODRICH CO B F [US]
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- [A] EP 0315015 A2 19890510 - BASF AG [DE]
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- [A] EP 0058073 A2 19820818 - PFIZER [US]
- See references of WO 9114716A1

Designated contracting state (EPC)

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**WO 9114716 A1 19911003**; AU 640474 B2 19930826; AU 7486491 A 19911021; CA 2079322 A1 19910930; EP 0521934 A1 19930113; EP 0521934 A4 19930217; JP H07500357 A 19950112

DOCDB simple family (application)

**US 9101455 W 19910304**; AU 7486491 A 19910304; CA 2079322 A 19910304; EP 91906377 A 19910304; JP 50613891 A 19910304