

Title (en)
AQUEOUS COMPOSITION CONTAINING POLYMALEIC ACID, SURFACTANTS AND COMPLEXING AGENTS AS WELL AS ITS PREPARATION AND USE AS ASSISTANT IN THE PRETREATMENT OF CELLULOSE CONTAINING FIBROUS MATERIALS

Publication
EP 0114788 B1 19910626 (DE)

Application
EP 84810032 A 19840119

Priority
CH 39783 A 19830125

Abstract (en)
[origin: ES8506838A1] Procedure for the preparation of aqueous compounds of polymal acid, tenseactive and complexing. Comprises the following operations: first, it is dissolved under agitation in hot water and at room temperature, the solid parts of a non-ionic or anionic surfactant or its mixtures, laterly encouraging the solution obtained at ambient temperature; second, the remaining liquid parts of the components, which include between a 1.5 and a 20 in the weight of a hydrolyzed polymal acid anhydride or its salt, are anticipated in connection with such solution; and last, an/ade to the solution between a 2.5 and a 25 in weight of a general formula complex (I). (Machine-translation by Google Translate, not legally binding)

IPC 1-7
C08L 35/00; D06L 1/14; D06M 13/148; D06M 13/282; D06M 15/263; D06M 15/667

IPC 8 full level
C08L 33/00 (2006.01); **C08K 5/05** (2006.01); **C08K 5/07** (2006.01); **C08K 5/09** (2006.01); **C08K 5/53** (2006.01); **C08L 33/02** (2006.01); **C08L 35/00** (2006.01); **C08L 35/02** (2006.01); **C11D 3/37** (2006.01); **D06B 7/00** (2006.01); **D06L 1/14** (2006.01); **D06L 3/00** (2006.01); **D06L 3/02** (2006.01); **D06M 13/148** (2006.01); **D06M 13/282** (2006.01); **D06M 15/263** (2006.01); **D06M 15/667** (2006.01)

CPC (source: EP KR US)
C11D 3/37 (2013.01 - KR); **D06L 1/14** (2013.01 - EP US); **D06L 4/00** (2016.12 - EP US)

Cited by
US5820636A; US5559273A; EP0382183A1; EP1247859A3; WO9215664A1; WO9428228A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0114788 A2 19840801; EP 0114788 A3 19870107; EP 0114788 B1 19910626; AT E64765 T1 19910715; BR 8400278 A 19840828; CA 1227099 A 19870922; DE 3484741 D1 19910801; ES 529098 A0 19850801; ES 8506838 A1 19850801; JP H0778308 B2 19950823; JP S59145237 A 19840820; KR 840007252 A 19841206; KR 910005006 B1 19910720; PT 77999 A 19840201; PT 77999 B 19861209; US 4539353 A 19850903; ZA 84522 B 19840926

DOCDB simple family (application)
EP 84810032 A 19840119; AT 84810032 T 19840119; BR 8400278 A 19840124; CA 445857 A 19840123; DE 3484741 T 19840119; ES 529098 A 19840124; JP 1036984 A 19840125; KR 840000321 A 19840125; PT 7799984 A 19840123; US 57071084 A 19840113; ZA 84522 A 19840124