

Title (en)

Formaldehyde-free vinyl acetate/ethylene/N-acryl-amidoglycolic acid copolymers useful as non-woven binders.

Title (de)

Als Vliesstoffbindemittel verwendbare, formaldehydfreie Vinylacetat/Äthylen/N-Akrylamidglykolsäure-Kopolymere.

Title (fr)

Copolymères d'acétate de vinyle, d'éthylène et d'acide N-acrylamidoglycolique, ne dégageant pas de formaldéhyde et utilisables comme liants pour non-tissés.

Publication

**EP 0237643 A2 19870923 (EN)**

Application

**EP 86117659 A 19861218**

Priority

US 81311185 A 19851224

Abstract (en)

A copolymer binder emulsion prepared by the copolymerization of vinyl acetate, 1 to 30 wt% ethylene and 0.5 to 15 wt% acrylamidoglycolic acid. Nonwoven fabrics bonded with such copolymers possess properties comparable to that obtained using N-methylolacrylamide-containing copolymers but without the emission of formaldehyde.

IPC 1-7

**D04H 1/64**

IPC 8 full level

**C08F 20/52** (2006.01); **C08F 218/02** (2006.01); **C08F 218/08** (2006.01); **C08F 220/58** (2006.01); **C08L 31/04** (2006.01); **C09J 131/04** (2006.01); **D04H 1/64** (2012.01)

CPC (source: EP)

**D04H 1/587** (2013.01); **D04H 1/64** (2013.01)

Cited by

WO2013085764A1; EP0458561A1; US4956495A; US5753746A; EP1375542A1; US4954564A; EP0324382A3; US5122502A; EP0281083A3; EP0389893A3; US5252663A; US5278211A; US10844212B2; US7649067B2; EP0661305A1; DE102012202843A1; WO2013124417A1; US9340908B2

Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

**EP 0237643 A2 19870923**; **EP 0237643 A3 19890705**; JP S62195036 A 19870827

DOCDB simple family (application)

**EP 86117659 A 19861218**; JP 30560286 A 19861223