

Title (en)
FORMALDEHYDE-FREE BINDER COMPOSITION

Title (de)
FORMALDEHYDFREIE BINDEMittel-ZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE LIANT SANS FORMALDÉHYDE

Publication
EP 3927878 A1 20211229 (DE)

Application
EP 20704003 A 20200206

Priority
EP 2020052993 W 20200206

Abstract (en)
[origin: WO2021155932A1] The invention relates to an aqueous binder composition for fibre binding, obtainable by means of free-radically initiated polymerization of vinyl acetate and ethylene, in the presence of polyvinyl alcohol in an aqueous medium, characterized in that a) 50% to 94% by weight of vinyl acetate, b) 5% to 40% by weight of ethylene, c) 0.2% to 5% by weight of acrylamide and/or methacrylamide, d) 0.2% to 5% by weight of maleic anhydride and/or maleic acid, are copolymerized in the presence of a polyvinyl alcohol having a hydrolysis level of 80 to 99 mol%, where the figures in % by weight are each based on the total weight of the comonomers and in each case add up to 100% by weight.

IPC 8 full level
D06M 15/227 (2006.01); **C08F 210/02** (2006.01); **C08F 218/08** (2006.01); **C08F 220/56** (2006.01); **C08F 222/02** (2006.01); **C08F 222/06** (2006.01); **C09D 131/04** (2006.01); **D04H 1/587** (2012.01); **D04H 1/64** (2012.01); **D06M 15/263** (2006.01); **D06M 15/285** (2006.01); **D06M 15/333** (2006.01)

CPC (source: CN EP US)
C08F 4/40 (2013.01 - EP); **C08F 218/08** (2013.01 - CN EP); **C08L 31/04** (2013.01 - US); **C09D 131/04** (2013.01 - EP); **C09J 11/08** (2013.01 - CN); **C09J 131/04** (2013.01 - CN); **D04H 1/587** (2013.01 - EP); **D04H 1/64** (2013.01 - EP); **D04H 1/641** (2013.01 - US); **D06M 15/227** (2013.01 - EP); **D06M 15/263** (2013.01 - EP); **D06M 15/285** (2013.01 - EP); **D06M 15/333** (2013.01 - EP); **D06M 17/06** (2013.01 - CN)

C-Set (source: CN EP)
CN
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EP
1. **C08F 218/08 + C08F 210/02 + C08F 220/56 + C08F 222/06**
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Designated contracting state (EPC)
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DOCDB simple family (publication)
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