

Title (en)
FORMALDEHYDE-FREE WOOD BINDER

Title (de)
FORMALDEHYDFREIES HOLZBINDEMITE

Title (fr)
LIANT SANS FORMALDÉHYDE POUR DÉRIVÉS DU BOIS

Publication
EP 3430082 A1 20190123 (DE)

Application
EP 17709607 A 20170227

Priority
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Abstract (en)
[origin: CA3017402A1] The formaldehyde-free binder for materials containing cellulose contains a hydroxy aldehyde resin polycondensed with an ammonium salt, the resin being obtained, in especially preferred embodiments, from glycerin, in situ, with the aid of hydrogen peroxide. A protein component consisting of animal blood is added. The binder is urea-free and can be used as a one-component or two-component binder. It binds materials such as wood, paper and other natural fibres to form high-quality composite material products.

IPC 8 full level
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CPC (source: EP RU US)
B27N 3/002 (2013.01 - US); **C08G 12/02** (2013.01 - RU); **C08G 16/0225** (2013.01 - US); **C08L 61/00** (2013.01 - US); **C08L 61/02** (2013.01 - RU); **C08L 61/22** (2013.01 - EP US); **C08L 61/30** (2013.01 - EP US); **C08L 89/00** (2013.01 - US); **C08L 89/06** (2013.01 - EP RU US); **C08L 97/02** (2013.01 - EP RU US); **B27N 3/02** (2013.01 - US); **C08G 12/06** (2013.01 - EP US); **C08G 12/34** (2013.01 - EP US); **C08G 12/46** (2013.01 - EP US); **C08L 2205/03** (2013.01 - US); **C08L 2312/00** (2013.01 - US)

Citation (search report)
See references of WO 2017157646A1

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