

Title (en)  
AGENT AND PROCESS FOR NEUTRAL SIZING

Publication  
**EP 0112525 B1 19870318 (DE)**

Application  
**EP 83112302 A 19831207**

Priority  
• DE 3245390 A 19821208  
• DE 3338087 A 19831020  
• DE 3338088 A 19831020

Abstract (en)  
[origin: US4591412A] A composition of matter for the neutral sizing of paper, paperboard, cardboard and other cellulose containing materials, is disclosed comprising water; a solvent which is unlimitedly miscible with water, particularly alcohol; a compound which undergoes a basic reaction; alkali aluminate; and a sizing component. When sizing is effected with this agent, the fiber containing suspension is mixed with a retention agent, before or after the addition of the sizing agent, with the sizing agent being activated by way of neutralization.

IPC 1-7  
**D21H 3/02**; **D21D 3/00**

IPC 8 full level  
**D21H 17/06** (2006.01); **D21H 17/14** (2006.01); **D21H 17/62** (2006.01); **D21H 17/64** (2006.01); **D21H 17/66** (2006.01); **D21H 23/00** (2006.01)

CPC (source: EP US)  
**D21H 17/06** (2013.01 - EP US); **D21H 17/14** (2013.01 - EP US); **D21H 17/62** (2013.01 - EP US); **D21H 17/64** (2013.01 - EP US);  
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**EP 0112525 A1 19840704**; **EP 0112525 B1 19870318**; DE 3370360 D1 19870423; US 4591412 A 19860527

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