

Title (en)  
BUILDER FOR FABRIC DETERGENT

Publication  
**EP 0405122 A3 19911218 (DE)**

Application  
**EP 90109415 A 19900518**

Priority  
DE 3920704 A 19890624

Abstract (en)  
[origin: EP0405122A2] The builder consists of a mixture of 20 to 80 % by weight crystalline sodium sheet silicate and 20 to 80 % by weight zeolite. The crystalline sodium sheet silicate preferably has an SiO<sub>2</sub>/Na<sub>2</sub>O molar ratio of 1.9 to 3.5 : 1. The zeolite preferably has the formula Na<sub>12</sub>(AlO<sub>2</sub> . xH<sub>2</sub>O in which x is an integer from 20 to 30. t

IPC 1-7  
**C11D 3/12**

IPC 8 full level  
**C11D 3/12** (2006.01); **C11D 11/02** (2006.01)

CPC (source: EP KR)  
**C11D 3/12** (2013.01 - KR); **C11D 3/1273** (2013.01 - EP); **C11D 3/128** (2013.01 - EP)

Citation (search report)

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- [A] EP 0279040 A1 19880824 - DEGUSSA [DE]
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Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

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**EP 90109415 A 19900518**; CA 2017958 A 19900531; DE 3920704 A 19890624; FI 903150 A 19900621; JP 16301090 A 19900622; KR 900009254 A 19900622; NO 902796 A 19900622