

Title (en)
NETWORKED POLYMER/CLAY ALLOY

Title (de)
VERNETZTE POLYMER/TON LEGIERUNG

Title (fr)
ALLIAGE POLYMERES/ARGILE EN RESEAU

Publication
EP 1202797 A1 20020508 (EN)

Application
EP 00930911 A 20000526

Priority
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• CA 2272965 A 19990526

Abstract (en)
[origin: WO0072958A1] A networked polymer/clay alloy is produced from a monomer/clay mixture comprising a monomer, a cross-linking agent and clay particles. An initiator means is used to initiate polymerization of the monomer/clay mixture. The clay is chemically integrated with the polymer such that, on exposure to water, the networked polymer/clay alloy swells with substantially no clay separating from the alloy.

IPC 1-7
B01J 20/26; **B01J 20/12**; **A61L 15/18**; **B01J 20/30**; **A61L 15/00**; **E02D 19/18**; **E02D 31/00**

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A61L 15/18 (2013.01); **A61L 15/24** (2013.01); **A61L 15/60** (2013.01); **B01J 20/12** (2013.01); **B01J 20/26** (2013.01); **B01J 20/30** (2013.01); **E02D 19/18** (2013.01); **E02D 31/004** (2013.01); **E02D 2300/0004** (2013.01); **E02D 2300/0037** (2013.01); **E02D 2300/0093** (2013.01)

C-Set (source: EP)
A61L 15/24 + **C08L 33/00**

Citation (search report)
See references of WO 0072958A1

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