

Title (en)
ENCAPSULATED ADHESIVE

Title (de)
EINGEKAPSELTER KLEBSTOFF

Title (fr)
ADHÉSIF ENCAPSULÉ

Publication
EP 4267689 A1 20231101 (EN)

Application
EP 21848376 A 20211221

Priority
• US 202017133191 A 20201223
• US 2021064643 W 20211221

Abstract (en)
[origin: WO2022140407A1] An encapsulated adhesive for inserting into a cavity having a first volume and a method of making the encapsulated adhesive are presented. The encapsulated adhesive includes an adhesive material of a second volume, and a non-adhesive encapsulant that substantially surrounds the adhesive material. The encapsulant is strong enough to withstand handling and storage, but breaks in response to pressure, exposing the adhesive material. A method of bonding two pieces by forming a first cavity in a first piece, inserting the encapsulated adhesive into the first cavity, and inserting a member into the first cavity to breach the encapsulant is also presented.

IPC 8 full level
C09J 9/00 (2006.01); **C09J 7/00** (2018.01)

CPC (source: EP)
C09J 7/00 (2013.01); **C09J 9/00** (2013.01); **C09J 2203/102** (2013.01)

Citation (search report)
See references of WO 2022140407A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022140407 A1 20220630; CN 116806244 A 20230926; EP 4267689 A1 20231101

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US 2021064643 W 20211221; CN 202180087135 A 20211221; EP 21848376 A 20211221