

Title (en)  
RECYCLABLE MATERIAL

Title (de)  
WIEDERVERWERTBARES MATERIAL

Title (fr)  
MATÉRIAU RECYCLABLE

Publication  
**EP 4363517 A1 20240508 (DE)**

Application  
**EP 22743742 A 20220623**

Priority  
• CH 7562021 A 20210629  
• EP 2022067258 W 20220623

Abstract (en)  
[origin: WO2023274851A1] The present application relates to recyclable material. The recyclable material comprises 30-97 wt.% of cellulose material, 2-45 wt.% of at least one protein binder, 1-20 wt.% of at least one alcohol or ester and 0-45 wt.% of at least one additive. The present application further relates to a method for producing a recyclable material and to a molded part produced therefrom.

IPC 8 full level  
**C09J 189/00** (2006.01); **B32B 21/02** (2006.01); **C08K 5/05** (2006.01); **C08K 5/10** (2006.01)

CPC (source: CH EP KR)  
**B29B 9/06** (2013.01 - KR); **B29C 43/00** (2013.01 - CH); **B29C 43/003** (2013.01 - KR); **B29C 48/0022** (2019.02 - KR); **B29C 48/05** (2019.02 - KR); **B29C 64/314** (2017.08 - KR); **B31F 1/00** (2013.01 - CH KR); **C08L 1/02** (2013.01 - CH EP KR); **C08L 5/00** (2013.01 - CH); **C08L 89/00** (2013.01 - CH KR); **C08L 89/06** (2013.01 - KR); **C09J 189/00** (2013.01 - EP KR); **C09J 189/06** (2013.01 - EP KR)

C-Set (source: EP)  
1. **C09J 189/06 + C08L 1/02 + C08L 1/284 + C08L 89/005**  
2. **C08L 1/02 + C08L 89/00 + C08L 89/06**

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**CH 718777 A1 20221230**; AU 2022305591 A1 20240208; CN 117980434 A 20240503; EP 4363517 A1 20240508; KR 20240027051 A 20240229; WO 2023274851 A1 20230105

DOCDB simple family (application)  
**CH 7562021 A 20210629**; AU 2022305591 A 20220623; CN 202280045996 A 20220623; EP 2022067258 W 20220623; EP 22743742 A 20220623; KR 20247002997 A 20220623