

Title (en)

BIODEGRADABLE THERMOPLASTIC MATERIAL MADE FROM CASEIN AND/OR CASEINATE

Title (de)

BIOLOGISCH ABBAUBARES THERMOPLASTISCHES MATERIAL AUS KASEIN UND / ODER KASEINAT

Title (fr)

MATERIAU THERMOPLASTIQUE BIODEGRADABLE A BASE DE CASEINE ET/OU DE CASEINATE

Publication

**EP 3728477 A1 20201028 (FR)**

Application

**EP 18842781 A 20181219**

Priority

- FR 1762549 A 20171219
- FR 2018053423 W 20181219

Abstract (en)

[origin: WO2019122726A1] The present invention concerns a biodegradable thermoplastic material made from casein and/or caseinate. In particular, the present invention concerns a biodegradable thermoplastic material comprising a) between 50 and 80% of casein and/or caseinate, and preferably between 55 and 70%; b) between 4 and 12% of water, and preferably between 5 and 11%; c) between 10 and 35% of at least one plasticiser different to b), and preferably between 15 and 28%; d) between 0.1 and 8% of a hydrophobic agent, and preferably between 1 and 4%; e) between 0.5 and 6% of at least one surfactant, and preferably between 2 and 4%.

IPC 8 full level

**C08L 89/00** (2006.01); **C08J 5/18** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2019122726A1

Cited by

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DOCDB simple family (publication)

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