

Title (en)  
METHACRYLATE MONOMER-BASED COMPOSITION

Title (de)  
METHACRYLATMONOMERBASIERTE ZUSAMMENSETZUNG

Title (fr)  
COMPOSITION A BASE DE MONOMERE METHACRYLATE

Publication  
**EP 3947502 A1 20220209 (FR)**

Application  
**EP 20712376 A 20200325**

Priority  
• FR 1903223 A 20190328  
• EP 2020058295 W 20200325

Abstract (en)  
[origin: WO2020193603A1] The application relates to a two-component composition comprising: - a composition A comprising: - at least one polyurethane P having at least two terminal methacrylate functions, the polyurethane content P being at least 6% by weight relative to the total weight of composition A; - at least one reducing agent; and - at least one methacrylate monomer; - a composition B comprising: - at least one oxidizing agent; and - optionally at least one methacrylate monomer, said polyurethane P being obtained by a method comprising: - E1) a step of preparing an NCO-terminated polyurethane, comprising the polyaddition reaction between: -i) at least one polyisocyanate; and -ii) at least one polyol; - E2) reacting the product formed at the end of step E1) with at least one methacrylate monomer M having at least one hydroxyl function.

IPC 8 full level  
**C08G 18/22** (2006.01); **C08G 18/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/67** (2006.01); **C08G 18/76** (2006.01); **C08G 18/79** (2006.01); **C09J 175/16** (2006.01)

CPC (source: EP US)  
**C08G 18/227** (2013.01 - EP); **C08G 18/4202** (2013.01 - EP US); **C08G 18/4233** (2013.01 - EP); **C08G 18/4277** (2013.01 - EP); **C08G 18/4825** (2013.01 - EP); **C08G 18/672** (2013.01 - EP US); **C08G 18/7671** (2013.01 - EP); **C08G 18/794** (2013.01 - EP); **C09J 175/16** (2013.01 - EP)

Citation (search report)  
See references of WO 2020193603A1

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

DOCDB simple family (publication)  
**WO 2020193603 A1 20201001**; CN 113677728 A 20211119; EP 3947502 A1 20220209; FR 3094374 A1 20201002; FR 3094374 B1 20220722; JP 2022526354 A 20220524; US 2022153913 A1 20220519

DOCDB simple family (application)  
**EP 2020058295 W 20200325**; CN 202080025855 A 20200325; EP 20712376 A 20200325; FR 1903223 A 20190328; JP 2021557494 A 20200325; US 202017441360 A 20200325