

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)
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Designated extension state (EPC)
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