

Title (en)
TYPE I PHOTOINITIATOR FOR CROSSLINKING SILICONE COMPOSITIONS

Title (de)
PHOTOINITIATOR VOM TYP I ZUR VERNETZUNG VON SILIKONZUSAMMENSETZUNGEN

Title (fr)
PHOTOAMORCEUR DE TYPE I POUR LA RETICULATION DE COMPOSITIONS SILICONES

Publication
EP 4305078 A1 20240117 (FR)

Application
EP 22713974 A 20220310

Priority
• FR 2102359 A 20210310
• FR 2022050430 W 20220310

Abstract (en)
[origin: WO2022189757A1] The present invention relates to a type I photoinitiator for the free-radical crosslinking of radiation-crosslinkable compositions. In particular, the invention relates to a silicone composition comprising a type I photoinitiator and an organopolysiloxane having at least one (meth)acrylate group.

IPC 8 full level
C08F 130/08 (2006.01); **C07C 49/84** (2006.01); **C07C 69/24** (2006.01); **C08G 77/20** (2006.01); **C08J 3/28** (2006.01); **C08K 5/07** (2006.01); **C08K 5/10** (2006.01); **C09D 4/00** (2006.01)

CPC (source: EP KR)
C07C 49/84 (2013.01 - EP KR); **C07C 69/24** (2013.01 - EP KR); **C08F 2/50** (2013.01 - KR); **C08F 130/08** (2013.01 - EP); **C08F 299/08** (2013.01 - KR); **C08G 77/20** (2013.01 - EP KR); **C08J 3/28** (2013.01 - EP KR); **C08K 5/07** (2013.01 - EP); **C08K 5/10** (2013.01 - EP); **C09D 4/00** (2013.01 - EP KR); **C08J 2353/00** (2013.01 - KR); **C08J 2383/04** (2013.01 - EP); **C08J 2483/04** (2013.01 - EP)

C-Set (source: EP)
1. **C09D 4/00 + C08F 230/08**
2. **C08K 5/07 + C08L 83/06**
3. **C08K 5/10 + C08L 83/06**

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)
WO 2022189757 A1 20220915; BR 112023018154 A2 20240116; CA 3212952 A1 20220915; CN 117279964 A 20231222; EP 4305078 A1 20240117; JP 2024511739 A 20240315; KR 20230173661 A 20231227

DOCDB simple family (application)
FR 2022050430 W 20220310; BR 112023018154 A 20220310; CA 3212952 A 20220310; CN 202280019797 A 20220310; EP 22713974 A 20220310; JP 2023555439 A 20220310; KR 20237034486 A 20220310