

Title (en)
LATENTLY REACTIVE ADHESIVE FILM

Title (de)
LATENT REAKTIVER KLEBEFILM

Title (fr)
FILM ADHÉSIF À RÉACTIVITÉ LATENTE

Publication
EP 3861081 A1 20210811 (DE)

Application
EP 19778900 A 20190920

Priority
• DE 102018216868 A 20181001
• EP 2019075337 W 20190920

Abstract (en)
[origin: CA3114968A1] The invention relates to a thermally curable adhesive film comprising at least one layer of an adhesive comprising at least one epoxy-functionalized (co)polymer (A) having a weight-average molar mass in the range from 5000 g/mol to 5 000 000 g/mol and/or at least one epoxy-containing compound (B) different from the (co)polymer (A); at least one free-radical former (C); and at least one photoacid former (D). The invention further relates to a bond comprising two substrates that are bonded by the adhesive film or the adhesive of the present invention, and to a method of joining two substrates using the adhesive film or the adhesive of the present invention.

IPC 8 full level
C09J 7/10 (2018.01); **C09J 5/06** (2006.01)

CPC (source: EP KR US)
C08J 3/24 (2013.01 - KR); **C09J 5/06** (2013.01 - EP KR US); **C09J 7/10** (2017.12 - EP US); **C09J 7/35** (2017.12 - KR US); **C09J 133/068** (2013.01 - EP KR); **C09J 133/14** (2013.01 - KR); **C09J 175/04** (2013.01 - EP KR); **C09J 201/06** (2013.01 - KR); **C08L 2312/00** (2013.01 - EP); **C09J 2301/304** (2020.08 - US); **C09J 2301/312** (2020.08 - KR); **C09J 2463/00** (2013.01 - EP US); **C09J 2475/00** (2013.01 - US)

C-Set (source: EP)
C09J 175/04 + C08K 5/14

Citation (search report)
See references of WO 2020069884A1

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)
DE 102018216868 A1 20200402; CA 3114968 A1 20200409; CN 113166594 A 20210723; CN 113166594 B 20230801; EP 3861081 A1 20210811; KR 102508417 B1 20230308; KR 20210068528 A 20210609; US 2022025221 A1 20220127; WO 2020069884 A1 20200409

DOCDB simple family (application)
DE 102018216868 A 20181001; CA 3114968 A 20190920; CN 201980078638 A 20190920; EP 19778900 A 20190920; EP 2019075337 W 20190920; KR 20217013087 A 20190920; US 201917281751 A 20190920