

Title (en)

ADHESIVE TAPE HAVING RELEASE LINER BASED ON PRESSURE-SENSITIVE ADHESIVE SILICONE COATING

Title (de)

KLEBEBAND MIT RELEASLINER AUF BASIS EINER HAFTKLEBRIGEN SILIKONBESCHICHTUNG

Title (fr)

RUBAN ADHÉSIF À BANDE ANTIADHÉSIVE À BASE D'UN REVÊTEMENT DE SILICONE AUTOADHÉSIF

Publication

EP 3790939 A1 20210317 (DE)

Application

EP 19723379 A 20190508

Priority

- DE 102018207182 A 20180509
- EP 2019061871 W 20190508

Abstract (en)

[origin: WO2019215258A1] The present invention relates to a layered composite, more particularly an adhesive tape, comprising a) a release liner made of a carrier layer and of a silicone coating made of specific addition-crosslinked silicone pressure-sensitive adhesive compounds and b) at least one layer made of polyacrylate-based adhesive compounds having low tack at room temperature or of adhesive compounds that can be adhesively bonded upon heat activation and that are not or are only weakly adhesive at room temperature. Furthermore, the present invention relates to the use of an assembly as a release liner, which assembly contains a carrier layer and the previously mentioned silicone coating made of specific addition-crosslinked silicone pressure-sensitive adhesive compounds. Finally, the present invention relates to the use of a silicone resin, which is functionalized with at least one alkenyl group, in silicone-containing release liners in order to reduce the silicone transfer from the release liner to the pressure-sensitive adhesive compound of an adhesive tape.

IPC 8 full level

C09J 7/40 (2018.01); **C09D 183/04** (2006.01); **C09J 7/38** (2018.01)

CPC (source: EP)

C08G 77/12 (2013.01); **C08G 77/20** (2013.01); **C08L 83/04** (2013.01); **C09D 183/04** (2013.01); **C09J 7/38** (2018.01); **C09J 7/401** (2018.01); **C09J 2483/00** (2013.01); **C09J 2483/005** (2013.01)

C-Set (source: EP)

C08L 83/04 + **C08K 5/56** + **C08L 83/00** + **C08L 83/00**

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 2019215258 A1 20191114; DE 102018207182 A1 20191114; EP 3790939 A1 20210317

DOCDB simple family (application)

EP 2019061871 W 20190508; DE 102018207182 A 20180509; EP 19723379 A 20190508