

Title (en)
METHOD FOR DISSOLVING ADHESIVES

Title (de)
VERFAHREN ZUM LÖSEN VON KLEBSTOFFEN

Title (fr)
PROCÉDÉ POUR LA DISSOLUTION D'ADHÉSIFS

Publication
EP 3969494 A1 20220323 (DE)

Application
EP 20724112 A 20200507

Priority
• EP 19175091 A 20190517
• EP 2020062739 W 20200507

Abstract (en)
[origin: WO2020234002A1] The invention relates to a method in which an adhesion is brought into contact with a supercritical fluid, characterised in that the adhesion is based on one or more adhesives, having cross-linked polymers, wherein the cross-linked polymers have at least one oxygen atom in the polymer chain and are cross-linked via urethane bridges or -O-CH₂-CH(OH)-CH₂-O- bridges or molecule chains with corresponding bridges, and in that, after bringing the adhesion in contact with the supercritical fluid, whereby the adhesion is loaded with the supercritical fluid, at least one of the parameters (pressure, volume, amount of substance or temperature) is changed such that the fluid transitions from the supercritical state into another state. The invention also relates to the use of this method as at least one sub-step in a method for dissolving adhesions of components.

IPC 8 full level
C08G 18/28 (2006.01); **B08B 7/00** (2006.01); **C08G 18/42** (2006.01); **C08G 18/48** (2006.01); **C08G 18/76** (2006.01); **C09J 175/06** (2006.01)

CPC (source: EP US)
B08B 7/0021 (2013.01 - EP US); **C08G 18/289** (2013.01 - EP US); **C08G 18/42** (2013.01 - EP US); **C08G 18/4825** (2013.01 - EP US); **C08G 18/7671** (2013.01 - EP US); **C09J 175/06** (2013.01 - EP US); **B08B 2220/01** (2013.01 - EP US); **C08G 2170/20** (2013.01 - US); **C09J 2301/502** (2020.08 - US); **Y02P 20/54** (2015.11 - EP)

Citation (search report)
See references of WO 2020234002A1

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)
EP 3738991 A1 20201118; EP 3969494 A1 20220323; US 2022306917 A1 20220929; WO 2020234002 A1 20201126

DOCDB simple family (application)
EP 19175091 A 20190517; EP 2020062739 W 20200507; EP 20724112 A 20200507; US 202017611160 A 20200507