

Title (en)
SPREADING UNIT

Title (de)
VERSTREICHEINHEIT

Title (fr)
UNITÉ D'APPLICATION

Publication
EP 3519105 A1 20190807 (DE)

Application
EP 17746450 A 20170727

Priority
• DE 102016118693 A 20161002
• EP 2017068981 W 20170727

Abstract (en)
[origin: WO2018059792A1] The invention relates to a spreading unit (1) having a shaper (2) for spreading viscous material (3), in particular sealing material, on a component (4), wherein the shaper (2) has a first shaping contour (5) for shaping the viscous material (3) during spreading, wherein at least a second shaping contour (6) of the shaper (2) can be brought to overlap with the first shaping contour (5) in a spreading direction (V) by means of an actuator (7) for shaping the viscous material (3), so that a shape of the shaper (2) can be adjusted during an application process.

IPC 8 full level
B05C 5/02 (2006.01); **B05C 11/04** (2006.01)

CPC (source: EP RU US)
B05C 5/02 (2013.01 - RU); **B05C 5/0216** (2013.01 - EP US); **B05C 11/023** (2013.01 - EP); **B05C 11/041** (2013.01 - EP);
B05C 11/042 (2013.01 - US); **B05C 11/045** (2013.01 - EP US); **B05C 17/00516** (2013.01 - US); **B05C 5/0204** (2013.01 - EP);
B05C 11/042 (2013.01 - EP); **B05C 17/00516** (2013.01 - EP)

Citation (search report)
See references of WO 2018059792A1

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 2018059792 A1 20180405; CN 109890515 A 20190614; CN 109890515 B 20220111; DE 102016118693 A1 20180405;
EP 3519105 A1 20190807; EP 3519105 B1 20230628; RU 2019109148 A 20201106; RU 2019109148 A3 20201106; RU 2745220 C2 20210322;
US 2021283644 A1 20210916; US 2023173531 A1 20230608

DOCDB simple family (application)
EP 2017068981 W 20170727; CN 201780061006 A 20170727; DE 102016118693 A 20161002; EP 17746450 A 20170727;
RU 2019109148 A 20170727; US 201716338828 A 20170727; US 202217964565 A 20221012