

Title (en)
PASTE BASED LUBRICATING SYSTEM

Title (de)
SCHMIERSYSTEM AUF PASTENBASIS

Title (fr)
SYSTÈME DE LUBRIFIANT À BASE DE PÂTE

Publication
EP 3416739 A4 20190925 (EN)

Application
EP 17753699 A 20170214

Priority
• US 201615046221 A 20160217
• US 2017017782 W 20170214

Abstract (en)
[origin: WO2017142865A1] A system includes a processing station and a lubricant supply system in fluid communication with the processing station. The processing station is operable to process at least one of a tire and a wheel prior to joining the tire and the wheel to form a tire-wheel assembly. The processing station includes at least one of a tire lubricating sub-station or a wheel lubricating sub-station. The lubricant supply system includes a storage container configured to store a lubricant and a whipping device received by the lubricant container and operable to whip or blend the lubricant from a semi-solid state to a whipped state. The lubricant supply system also includes a pump operable to pump the lubricant in the whipped state out of the storage container.

IPC 8 full level
B60C 25/05 (2006.01); **B01F 27/91** (2022.01); **F16N 5/00** (2006.01)

CPC (source: EP KR)
B01F 27/91 (2022.01 - KR); **B01F 31/60** (2022.01 - KR); **B01F 33/80** (2022.01 - KR); **B01F 35/2215** (2022.01 - KR);
B01F 35/75425 (2022.01 - KR); **B01F 35/92** (2022.01 - KR); **B60C 25/00** (2013.01 - KR); **B60C 25/0596** (2013.01 - EP);
F16N 5/00 (2013.01 - EP); **F16N 7/00** (2013.01 - EP); **F16N 39/04** (2013.01 - EP); **B01F 27/80** (2022.01 - EP); **B01F 35/2215** (2022.01 - EP)

Citation (search report)
• [YA] US 2014360677 A1 20141211 - STRAITIFF DONALD G [US], et al
• [Y] WO 2011090477 A1 20110728 - RHINO LININGS USA INC [US], et al
• [Y] JP S6044804 U 19850329
• [Y] US 2004218463 A1 20041104 - ALLEN THOMAS E [US]
• [A] EP 2108532 A1 20091014 - SCHENCK ROTEC GMBH [DE]
• See references of WO 2017142865A1

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

DOCDB simple family (publication)
WO 2017142865 A1 20170824; BR 112018016716 A2 20181226; CA 3014642 A1 20170824; CN 109070030 A 20181221;
EP 3416739 A1 20181226; EP 3416739 A4 20190925; JP 2019511683 A 20190425; KR 20180104773 A 20180921; MX 2018009974 A 20190121

DOCDB simple family (application)
US 2017017782 W 20170214; BR 112018016716 A 20170214; CA 3014642 A 20170214; CN 201780023899 A 20170214;
EP 17753699 A 20170214; JP 2018543659 A 20170214; KR 20187026365 A 20170214; MX 2018009974 A 20170214