

Title (en)
SWITCH

Title (de)
WEICHE

Title (fr)
AIGUILLAGE

Publication
EP 3714101 A1 20200930 (DE)

Application
EP 18792345 A 20180906

Priority
• AT 4552017 A 20171121
• AT 2018000069 W 20180906

Abstract (en)
[origin: WO2019100089A1] The invention relates to a switch (1) for a track system for rail vehicles, wherein the switch (1) has rails (2) and a sequence of sleepers (4) and, in each case on an upper side (5) of the respective sleeper (4), at least two of the rails (2) are fixed to each other in pairs opposite each other, and in each case an intermediate layer (6) is arranged between each one of the rails (2) and the respective sleeper upper side (5), and the sleepers (4) each have a sleeper pad (8) on their undersides (7), opposite their respective upper sides (5), and the sleeper pads (8) each have at least one elastomer layer (9), wherein the intermediate layers (6) each have at least one elastomer layer (10).

IPC 8 full level
E01B 3/46 (2006.01); **E01B 7/22** (2006.01); **E01B 9/68** (2006.01)

CPC (source: AT CN EP RU US)
E01B 3/44 (2013.01 - CN); **E01B 3/46** (2013.01 - AT EP RU US); **E01B 7/10** (2013.01 - CN); **E01B 7/22** (2013.01 - AT EP RU US); **E01B 9/68** (2013.01 - AT); **E01B 9/681** (2013.01 - AT EP US); **E01B 2204/01** (2013.01 - AT EP US)

Citation (search report)
See references of WO 2019100089A1

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 2019100089 A1 20190531; AT 520697 A1 20190615; AT 520697 B1 20220615; AU 2018371681 A1 20200611; AU 2018371681 B2 20240104; AU 2023282176 A1 20240104; BR 112020005614 A2 20200929; CN 111630226 A 20200904; CN 111630226 B 20220419; CN 114457631 A 20220510; CN 114457631 B 20240528; DK 3714101 T3 20220103; EP 3714101 A1 20200930; EP 3714101 B1 20211020; EP 3798360 A1 20210331; EP 3798360 B1 20230322; EP 3798360 B9 20230712; ES 2897484 T3 20220301; ES 2943310 T3 20230612; ES 2943310 T9 20230825; FI 3798360 T3 20230718; HU E062004 T2 20230928; PL 3798360 T3 20230731; PT 3714101 T 20211112; RU 2020108461 A 20211222; RU 2020108461 A3 20211222; RU 2022104201 A 20220414; RU 2770640 C2 20220419; US 11427970 B2 20220830; US 2021404121 A1 20211230

DOCDB simple family (application)
AT 2018000069 W 20180906; AT 4552017 A 20171121; AU 2018371681 A 20180906; AU 2023282176 A 20231211; BR 112020005614 A 20180906; CN 201880075517 A 20180906; CN 202111537746 A 20180906; DK 18792345 T 20180906; EP 18792345 A 20180906; EP 20207942 A 20180906; ES 18792345 T 20180906; ES 20207942 T 20180906; FI 20207942 T 20180906; HU E20207942 A 20180906; PL 20207942 T 20180906; PT 18792345 T 20180906; RU 2020108461 A 20180906; RU 2022104201 A 20180906; US 201816641398 A 20180906