

Title (en)

TYRE COMPRISING AN OPTIMISED SELF-SEALING PRODUCT LAYER

Title (de)

REIFEN MIT EINER OPTIMIERTEN SELBSTDICHTENDEN PRODUKTSCHICHT

Title (fr)

PNEUMATIQUE COMPRENANT UNE COUCHE DE PRODUIT AUTO-OBTURANT OPTIMISEE

Publication

**EP 4222002 A1 20230809 (FR)**

Application

**EP 21798066 A 20210924**

Priority

- FR 2009906 A 20200929
- FR 2021051646 W 20210924

Abstract (en)

[origin: WO2022069819A1] The tyre comprises a tread comprising a main circumferential cut-out (52, 54, 56, 58) and a rib (62, 64, 66, 68, 70), an inner sealing layer, a layer of a self-sealing product (80) comprising: an axial portion extending in line with the main circumferential cut-out (52, 54, 56, 58) and having an average thickness  $E_a > 0$ , an axial portion extending in line with the rib (62, 64, 66, 68, 70) and having an average thickness  $E_b \geq 0$  of self-sealing product such that  $E_b < E_a$ .

IPC 8 full level

**B60C 19/12** (2006.01)

CPC (source: EP US)

**B29C 73/22** (2013.01 - US); **B60C 19/12** (2013.01 - EP US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022069819 A1 20220407**; CA 3187676 A1 20220407; CN 116323260 A 20230623; EP 4222002 A1 20230809; JP 2023542741 A 20231011; US 2023364869 A1 20231116

DOCDB simple family (application)

**FR 2021051646 W 20210924**; CA 3187676 A 20210924; CN 202180065643 A 20210924; EP 21798066 A 20210924; JP 2023519679 A 20210924; US 202118029320 A 20210924