

Title (en)

RIB- OR FIN-SHAPED ELEMENT, PROFILE RING SEGMENT AND METHOD FOR PRODUCING A PROFILE RING SEGMENT

Title (de)

RIPPEN-ODER LAMELLENFÖRMIGES ELEMENT, PROFILRINGSEGMENT UND VERFAHREN ZUR HERSTELLUNG EINES PROFILRINGSEGMENTES

Title (fr)

ÉLÉMENT EN FORME DE NERVURE OU DE LAMELLE, SEGMENT D'ANNEAU PROFILÉ ET PROCÉDÉ DE FABRICATION D'UN SEGMENT D'ANNEAU PROFILÉ

Publication

EP 3765312 A1 20210120 (DE)

Application

EP 19701448 A 20190110

Priority

- DE 102018204024 A 20180316
- EP 2019050513 W 20190110

Abstract (en)

[origin: WO2019174793A1] Rib- or fin-shaped element (1, 10) comprising an anchoring part (1b1, 10b1) and a moulding part (1b2, 10b2), wherein the anchoring part (1b1, 10b1) can be anchored in a profile ring segment of a profile ring of a vulcanizing mould that moulds the tread of a vehicle tyre and the moulding part (1b2, 10b2) is provided for moulding a sipe or a groove in the tread. The element (1, 10) has at least one elongated projection (1a, 11), which forms a bevel at the periphery of the tread and is produced by means of selective laser melting.

IPC 8 full level

B60C 11/12 (2006.01); **B22F 3/105** (2006.01); **B22F 5/00** (2006.01); **B29D 30/06** (2006.01)

CPC (source: EP US)

B22F 5/007 (2013.01 - EP); **B22F 10/28** (2021.01 - EP US); **B23K 26/342** (2015.10 - US); **B29C 33/3842** (2013.01 - US); **B29D 30/06** (2013.01 - EP); **B29D 30/0606** (2013.01 - US); **B33Y 10/00** (2014.12 - US); **B33Y 80/00** (2014.12 - US); **B60C 11/12** (2013.01 - EP US); **B22F 2999/00** (2013.01 - EP); **B29D 30/0606** (2013.01 - EP); **B29D 2030/0612** (2013.01 - EP); **B29D 2030/0613** (2013.01 - EP US); **B33Y 10/00** (2014.12 - EP); **B33Y 80/00** (2014.12 - EP); **Y02P 10/25** (2015.11 - EP)

C-Set (source: EP US)

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Designated extension state (EPC)

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