Title (en)

HEAVY-DUTY VEHICLE TYRE TREAD WITH IMPROVED ROBUSTNESS

Title (de)

SCHWERLASTFAHRZEUGREIFENLAUFFLÄCHE MIT VERBESSERTER ROBUSTHEIT

Title (fr)

BANDE DE ROULEMENT DE PNEUMATIQUE POUR VÉHICULE POIDS LOURD À ROBUSTESSE AMÉLIORÉE

Publication

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Application

EP 21810402 A 20211022

Priority

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Abstract (en)

[origin: WO2022090651A1] The invention relates to a heavy-duty vehicle tyre tread and aims to improve the tear resistance of oblique incisions emerging in its external cavities. The tread (1) comprises at least one substantially longitudinal cutout (3) comprising at least one external cavity (6) that is open on the tread surface (2) along an emerging section (7) having a closed contour (8). Each external cavity (6) is connected to two substantially longitudinal incisions (91) and to at least one oblique incision (92) having an average trace (M2) intersecting the contour (8) at a connection point (I). According to the invention, the average trace (M2) of each oblique incision (92) forms an angle (A1, A2) strictly greater than 90°, with at least two straight lines (T1, T2), tangential to the contour (8) respectively at two points (I1, I2) of the contour (8) positioned on either side of the average trace (M2) and at a curvilinear distance (d1, d2) from the connection point (I) of at most 2 mm.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2022090651A1

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