

Title (en)

STRUCTURALLY SUPPORTED AIRLESS DEFORMABLE CASING

Title (de)

STRUKTURELL GESTÜTZTES LUFTLOSES VERFORMBARES GEHÄUSE

Title (fr)

ENVELOPPE DEFORMABLE SANS AIR A SUPPORT STRUCTUREL

Publication

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Application

EP 22715131 A 20220321

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Abstract (en)

[origin: WO2022200723A1] The invention relates to a structurally supported airless deformable casing (1) for a rolling object pushed or pulled at a speed of less than 25 km/h, or for an idler of a vehicle, the maximum speed of which is less than 25 km/h, comprising an annular running strip (2) intended to roll on the ground, a plurality of spokes (3) extending transversely and radially on the inside of the annular running strip (2). The annular running strip (2) has circumferential and transverse elastic moduli at least equal to 1 MPa and at most equal to 100 MPa. The spokes (3) connecting the annular running strip to the rim have radial and transverse elastic moduli at least equal to 1 MPa and at most equal to 100 MPa.

IPC 8 full level

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