

Title (en)
TIRE AND SUPPORT

Title (de)
REIFEN UND HALTERUNG

Title (fr)
PNEU ET SUPPORT

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Abstract (en)
[origin: WO02096680A1] A support (1) according to the invention comprises a rubber article. The support comprises: a substantially cylindrical base (2) which conforms to the wheel rim; a substantially cylindrical crown (3) which comes into contact with the inside of the tire summit in the event of a drop in inflation pressure, but to leave a clearance relative to the summit at nominal inflation pressure, and an annular body (4) connecting the base to the crown. The rubber article comprises a rubber, preferably a mix of natural rubber and polybutadiene, a metal salt of a carboxylic acid, preferably zinc dimethacrylate, and effective amount of carbon black or silica, or both, and a peroxide for curing of said support. The support of the present invention provides weight reduction, reduced hysteresis, enhanced thermal stability, and enhanced thermo-oxidative stability, therefore providing longer service life.

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