

Title (en)

TYRE SCANNING APPARATUS AND METHOD

Title (de)

REIFENABTASTVORRICHTUNG UND VERFAHREN

Title (fr)

APPAREIL ET PROCEDE DE SCANNAGE DE PNEUMATIQUES

Publication

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Application

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Abstract (en)

[origin: WO9610727A1] The present invention provides apparatus (1) for determining physical characteristics of a tyre (14, 27) mounted on a wheel (16) fitted to a vehicle (17, 30), which apparatus comprises scanning means (5) adapted to scan a tyre (14, 27) and to produce an output indicative of information relating to tread depth, and indicator (21, 22, 34) means responsive to the output of the scanning means to provide an indication of tread depth. The invention also provides a method for determining physical characteristics of a tyre, which method comprises scanning a tyre (14, 27) mounted on a wheel (16) fitted to a vehicle (17, 30) and producing therefrom an output indicative of information relating to tread depth, and providing from said output an indication of tread depth. Preferably the invention employs a laser or ultrasonic sensor and includes means (18, 19; 35, 36) whereby the tyre may be rotated during scanning. The invention may employ image-capture means to capture an image of a region of the tyre under inspection.

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