Title (en)

METHOD AND APPARATUS FOR TYRE PRESSURE DETERMINATION

Title (de)

METHODE UND GERÄT ZUR REIFENLUFTDRUCKBESTIMMUNG

Title (fr)

PROCEDE ET APPAREIL POUR DETERMINER LA PRESSION DE GONFLAGE DES PNEUS

Publication

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Application

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Priority

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Abstract (en)

[origin: GB2325303A] The invention is based upon impact vibrational input and corresponding waveform generation by a piezo-electric cable transducer. Analysis of the waveform output on a frequency or time-base shift with respect to pressure provides a basis for numerical pressure determination based on identification of dominant peaks. Repeated constant level impacts by a solenoid-operated hammer device during inflation enables monitoring of the dominant peak and thus inflation pressure.

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