

Title (en)

OPTIMISED METHOD FOR ANALYSING THE CONFORMITY OF THE SURFACE OF A TYRE

Title (de)

OPTIMIERTES VERFAHREN ZUR ANALYSE DER KONFORMITÄT DER FLÄCHE EINES REIFENS

Title (fr)

PROCÉDÉ OPTIMISÉ D'ANALYSE DE LA CONFORMITÉ DE LA SURFACE D'UN PNEUMATIQUE

Publication

EP 3329460 A1 20180606 (FR)

Application

EP 16760124 A 20160726

Priority

- FR 1557142 A 20150727
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Abstract (en)

[origin: WO2017017371A1] Method for inspecting a surface of a tyre, in which method steps are implemented in which: an image of the texture of the side of a reference tyre is captured using an acquiring system and the obtained data are transmitted to a processor; an operator, via interaction with said processor, parameterises the main characteristics and obtains a map of the side of the reference tyre by cutting the image of the surface of the side of the reference tyre into a plurality of separate zones of interest; a specific control and registration algorithm is assigned to each of the zones of interest; and an image of a tyre to be inspected is captured automatically and operations are carried out in which, after image preprocessing has been carried out, the map is superposed on the image of said tyre to be inspected and the control and registration algorithm specific to each of the zones of interest of the tyre are implemented in order to determine the conformity thereof.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017017371A1

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