

Title (en)

METHOD FOR DETERMINING THE WEAR CONDITION OF AN AIRCRAFT TYRE

Title (de)

VERFAHREN ZUR BESTIMMUNG DES VERSCHLEISSZUSTANDS EINES FLUGZEUGREIFENS

Title (fr)

PROCEDE DE DETERMINATION DE L'ETAT D'USURE D'UN PNEUMATIQUE POUR AVION

Publication

**EP 3558718 A1 20191030 (FR)**

Application

**EP 17828957 A 20171218**

Priority

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- FR 2017053642 W 20171218

Abstract (en)

[origin: WO2018115675A1] The present invention relates to a method for determining the condition of an aircraft tyre and, more specifically, to a method for determining the wear condition thereof, allowing the residual lifetime and, more specifically, the number of residual landings, to be predicted for said tyre. A method for determining the condition of an aircraft tyre, said tyre comprising a tyre tread having at least one circumferential rib comprising at least one wear indicator, said method for determining condition comprising: - a step of detecting a first pattern of the position of the wear indicator, which is intended to identify the position of said wear indicator in the tyre tread; a step of detecting a second pattern of the condition of the wear indicator, which is intended to determine the wear condition of the relevant circumferential rib at a given instant; - a step of analysing the first pattern of the position and the second pattern of the condition of the wear indicator, through a comparison with reference patterns, and of determining the wear condition of the circumferential rib at a given instant; and - a step of rendering information relating to the condition of the tyre.

IPC 8 full level

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CPC (source: EP US)

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See references of WO 2018115675A1

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