

Title (en)

METHOD FOR IMPROVED TREATMENT OF A SURFACE OF A FRICTION MEMBER

Title (de)

VERFAHREN ZUR VERBESSERTEN BEHANDLUNG EINER OBERFLÄCHE EINES REIBELEMENTS

Title (fr)

PROCEDE DE TRAITEMENT PERFECTIONNE D'UNE SURFACE D'UN ELEMENT DE FRICTION

Publication

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Application

EP 15717568 A 20150327

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- FR 2015050788 W 20150327

Abstract (en)

[origin: WO2015155435A1] The invention relates to a method for treating a surface of a friction member comprising an organic matrix containing at least one inorganic material, such as a friction member of a clutch friction device (10). At least one area of said surface, referred to as the area to be treated (27), is treated by scanning it with a LASER beam along at least one predetermined path (25). The LASER beam has an energy density between 0.05 and 1 J/cm², a frequency between 10 Hz and 10 kHz and a pulse duration between 1 ps and 1 ns.

IPC 8 full level

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Citation (search report)

See references of WO 2015155435A1

Citation (examination)

- EP 1262680 A1 20021204 - TMD FRICTION GMBH [DE]
- DE 3516759 A1 19851212 - ALLIED CORP [US]

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