

Title (en)
DETERMINING A MAXIMUM FRICTIONAL-CONNECTION COEFFICIENT

Title (de)
BESTIMMUNG EINES MAXIMALEN KRAFTSCHLUSSKOEFFIZIENTEN

Title (fr)
DÉTERMINATION D'UN COEFFICIENT D'ADHÉRENCE MAXIMAL

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Application
EP 18703543 A 20180131

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Abstract (en)
[origin: WO2018153627A1] The invention relates to a tire (100), which rolls on an underlying surface (105). The invention further relates to a method (600) for providing a maximum frictional-connection coefficient between the tire (100) and the underlying surface (105), which method comprises steps of sensing a present slip of the tire (100) relative to the underlying surface (105); sensing a present frictional-connection coefficient; forming a tuple (410, 510) from the slip and the present frictional-connection coefficient; selecting a characteristic curve (205, 305) from a plurality of predetermined characteristic curves (205, 305) on the basis of the tuple (410, 510), each characteristic curve (205, 305) describing frictional-connection behavior of a tire (100) or of the corresponding characteristic curve slope; determining the maximum frictional-connection coefficient on the basis of the selected characteristic curve (205, 305); and providing the maximum frictional-connection coefficient.

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