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Company known as: COMPAGNIE GENERALE DES ETABLISSEMENTS
MICHELIN

TITLE: Diene elastomer modified by a group comprising a silicon atom,
process for the synthesis thereof and rubber composition
containing same

ABSTRACT

5 The invention relates to a modified diene elastomer comprising, within the main
chain of the elastomer, a silicon atom substituted, on the one hand, by at least
one alkoxy group, optionally partially or completely hydrolysed to give a
hydroxyl group, and, on the other hand, by at least one other functional group
comprising a nitrogen atom bonded to the silicon atom via a spacer group
chosen from saturated linear divalent aliphatic hydrocarbon radicals having at
10 least 5 carbon atoms and at most 10 carbon atoms.