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(54) **METHOD TO DETECT AND CONTROL DETONATION PHENOMENA IN AN INTERNAL COMBUSTION ENGINE**

VERFAHREN ZUR ERKENNUNG UND STEUERUNG DES KLOPFVORGANGS IN EINER BRENNKRAFTMASCHINE

PROCÉDÉ POUR DÉTECTER ET CONTRÔLER DES PHÉNOMÈNES DE DÉTONATION DANS UN MOTEUR À COMBUSTION INTERNE

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(56) References cited:
EP-A2- 1 116 946 US-A1- 2007 028 893
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