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(54) **INTAKE CONTROL METHOD AND INTAKE CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE**

EINLASSSTEUERUNGSVERFAHREN UND EINLASSSTEUERUNGSVORRICHTUNG FÜR VERBRENNUNGSMOTOR

PROCÉDÉ DE COMMANDE D'ADMISSION ET DISPOSITIF DE COMMANDE D'ADMISSION POUR MOTEUR À COMBUSTION INTERNE

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(56) References cited:  
**EP-A1- 2 829 711** **JP-A- 2002 332 872**  
**JP-A- 2008 248 729** **JP-A- 2012 002 123**  
**JP-A- 2015 121 167** **JP-A- 2016 211 430**  
**JP-B2- 3 511 849** **US-A1- 2008 295 514**  
**US-A1- 2011 308 503** **US-A1- 2017 009 679**  
**US-A1- 2017 009 682**

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