

Title (en)
VARIABLE VALVE TRAIN FOR AN ENGINE BRAKING MODE

Title (de)
VARIABLER VENTILTRIEB FÜR EINEN MOTORBREMSMODUS

Title (fr)
MÉCANISME DE DISTRIBUTION VARIABLE POUR UN MODE DE FREINAGE DE MOTEUR

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Application
EP 20743649 A 20200717

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Abstract (en)
[origin: WO2021013718A1] The invention relates to a variable valve train (10) for switching an outlet valve (22) of an internal combustion engine to an engine braking mode. The variable valve train (10) has a camshaft (12) with a first cam (34), which is designed as a normal operation cam, and a second cam (36), which is designed as an engine braking cam. A first rocking lever (14) has a first stroke device (38) which is designed for selectively making or breaking a first operative connection between the first cam (34) and the outlet valve (22) by means of the first rocking lever (14). A second rocking lever (16) has a second stroke device (40) which is designed for selectively making or breaking a second operative connection between the second cam (36) and the outlet valve (22) by means of the second rocking lever (16). A valve device (60) selectively connects the first stroke device (38) or the second stroke device (40) to a fluid feed line (66).

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Citation (search report)
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