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(71) Applicant:
**Dielle Ricambi S.A.S. di Stefano & C.
10155 Torino (IT)**

(72) Inventor: **Di Stefano, Leonardo
10020 Baldissero Torinese (TO) (IT)**

(74) Representative:
**Robba, Pierpaolo et al
Interpatent,
Via Caboto 35
10129 Torino (IT)**

(54) **Exhaust brake with electromagnetic control**

(57) Art exhaust brake with electromagnetic control for diesel engine vehicles comprises an electric contact (77) mechanically coupled to the vehicle brake pedal, a butterfly valve (4) for closing the engine exhaust gases actuated by an electromagnetic device (9) and an elec-

tronic control unit (60) that senses the status of the electric contact (77) and the engine speed and closes the butterfly valve (4) if the pedal is pressed and the engine speed is over a predetermined minimum threshold.

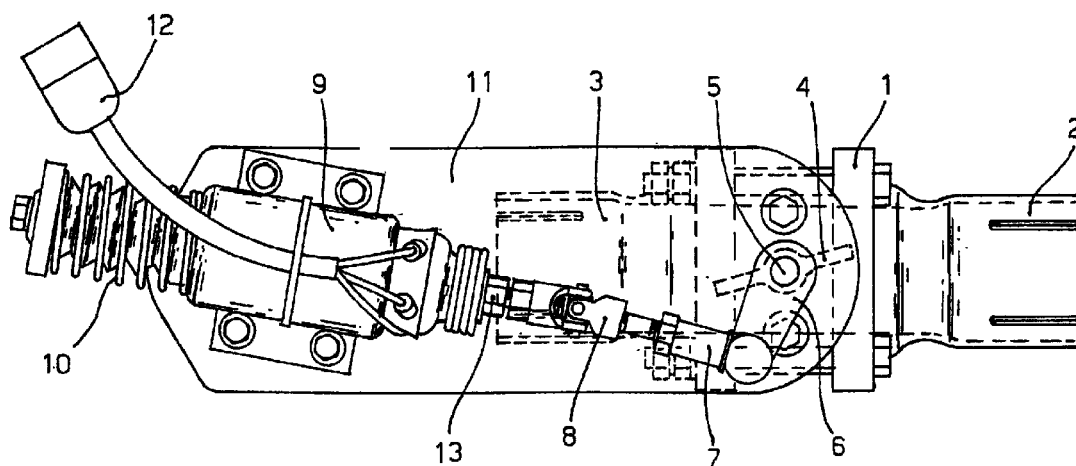


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 99 11 7743

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 987 869 A (HILBURGER WALTER) 29 January 1991 (1991-01-29) * column 2, line 30 - column 4, line 58 *	1, 4, 6, 9, 10	F02D9/06
Y	* column 5, line 23 - column 6, line 14; figures 1-2B *	7	
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X	PATENT ABSTRACTS OF JAPAN vol. 010, no. 114 (M-473), 26 April 1986 (1986-04-26) & JP 60 243329 A (MITSUBISHI JIDOSHA KOGYO KK), 3 December 1985 (1985-12-03) * abstract *	1, 6, 9, 10	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F02D
Place of search		Date of completion of the search	Examiner
THE HAGUE		19 July 2000	Marsano, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P4/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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19-07-2000

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