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System und Verfahren zur Drehmomentregelung eines Stellantriebs mit bürstenlosem Motor

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(56) References cited:
EP-A- 0 396 088 EP-A- 0 714 162
WO-A-95/13650 US-A- 4 868 467
US-A- 5 003 455

- **PATENT ABSTRACTS OF JAPAN vol. 017, no. 230 (E-1361), 11 May 1993 & JP 04 359688 A (ASAHI OPTICAL CO LTD), 11 December 1992**
- **PATENT ABSTRACTS OF JAPAN vol. 010, no. 168 (E-411), 14 June 1986 & JP 61 018387 A (FUJI DENKI SEIZO KK), 27 January 1986**

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