

Title (en)

CRANKING DEVICE FOR INTERNAL COMBUSTION ENGINES

Publication

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Application

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Priority

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- DE 3901953 A 19890124

Abstract (en)

[origin: WO9002260A1] A cranking device for internal combustion engines has a permanent excitation cranking motor and an electrical coasting brake provided with a switch (25) which mutually connects during the coasting phase of the cranking device the connecting lines of the brushes (4, 4') of the cranking motor (1) by means of a resistance (24). In particular, an additional winding of the clutching relay (15) of the cranking device is used as a resistance. The cranking device is characterized by the fact that the cranking motor quickly stops without mechanical braking devices after a starting procedure. In this way, the pinion (10) can disconnect from the corresponding toothed wheel (11) of the internal combustion engine, come quickly to a stop then engage once again the toothed wheel without problems even in the case of starting procedures that quickly follow each other.

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Citation (examination)

- Patent Abstracts of Japan volume 10, Nr. 295 (M-523)(2351) 7 Oktober 1986, & JP-A-61108870 (Kiyoshi Nagae) 27 May 1986, see the whole document
- Patent Abstracts of Japan volume 11, Nr.397(M-655)(2844) 25.December 1987, & JP-A-62162772 (Honda Motor Co.) 18. July 1987, see the whole document

Designated contracting state (EPC)

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DOCDB simple family (publication)

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