

Title (en)  
COLLECTOR FOR AN ELECTRIC MOTOR OR GENERATOR

Publication  
**EP 0457126 A3 19920304 (DE)**

Application  
**EP 91107174 A 19910503**

Priority  
DE 4015705 A 19900516

Abstract (en)  
[origin: EP0457126A2] A commutator for an electric motor or generator having laminates which are distributed symmetrically with respect to a commutator axis on the circumference or on an end side and which are supported in an insulating material base body, the commutator having a central opening, whose diameter is designed to form a push fit onto the shaft of the electric motor or generator and which is stiffened by means of a bush element of higher strength to absorb the seating and pressing on forces, is designed in order to achieve simpler and cost-effective production, easier and non-critical handling when being pressed onto a motor shaft, and high robustness and long life such that the bush element has an internal diameter which is larger than the diameter of the opening and such that the bush element is covered internally by a layer of insulating material. <IMAGE>

IPC 1-7  
**H01R 39/04**

IPC 8 full level  
**H01R 39/04** (2006.01); **H01R 39/08** (2006.01); **H01R 39/14** (2006.01); **H01R 43/06** (2006.01); **H02K 13/00** (2006.01); **H02K 15/02** (2006.01)

CPC (source: EP US)  
**H01R 39/04** (2013.01 - EP US); **H01R 39/14** (2013.01 - EP US)

Citation (search report)  
• [X] DE 7035303 U 19710318 - NIPPON DENSO CO [JP]  
• [A] DE 852576 C 19521016 - SIEMENS AG  
• [A] SOVIET INVENTIONS ILLUSTRATED, DERWENT PUBLICATIONS LTD., SECTION MECHANICAL, Week K40, Abstack No. 782101, V04 V 06, 16.11.83 & SU-A-980199 (CAR ELECTR EQUIP INSTR), 07.12.82

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DE DK ES FR GB IT

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