

Title (en)  
Electric fan and electrical connector

Title (de)  
Elektrisches Gebläse und elektrischer Verbinder

Title (fr)  
Ventilateur électrique et connecteur électrique

Publication  
**EP 1008762 A2 20000614 (EN)**

Application  
**EP 99309975 A 19991210**

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Abstract (en)  
An electric fan (10) is disclosed, comprising a fan body (20), a back plate (40), a power supply connector (44) and a plug-in control module (60) for controlling the fan motor (26). The control module (60) is received in the fan body (20) and, in the assembled fan, is connected to the power supply connector (44) and to the fan motor (26). The fan body (20) and the control module (60) are together removable from the back plate (40) such that the control module (60) and the motor (26) become isolated from the power supply. The isolated control module (60) is then removable from the fan body (20). An electrical connector (28;44) for electrically connecting a conductor (29) to a contact on a printed circuit board (61) is also disclosed. The connector comprises an electrically-conductive clench (100) which, in use, displaces insulation around the conductor and makes electrical contact with the inner conductive core, and an electrically-conductive spring contact (110) which is resilient and which, in use, forms a resilient electrical connection between the clench and the contact of the printed circuit board. <IMAGE>

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