

Title (en)
CURRENT TRANSFORMER FOR A PROTECTIVE SWITCH

Publication
EP 0222687 B1 19910102 (DE)

Application
EP 86730166 A 19861020

Priority
US 79656285 A 19851108

Abstract (en)
[origin: US4630018A] A current transformer is provided for the electronic trip unit of a molded case circuit breaker. The current transformer has a core with a winding encoiled about the core and a bus spiraled about the core. The spiral bus establishes a current path from one end of the bus to the other which will conduct current through the core in a spiral fashion. The spiral bus design effectively rotates the bus 90 degrees achieving a narrow transformer design which fits into the electronic trip unit without increasing the width of the trip unit.

IPC 1-7
H01F 40/06

IPC 8 full level
H01F 19/00 (2006.01); **H01F 27/02** (2006.01); **H01F 38/30** (2006.01)

CPC (source: EP US)
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US 79656285 A 19851108; AU 6491086 A 19861107; BR 8605527 A 19861107; CA 510930 A 19860605; DE 3676446 T 19861020; EP 86730166 A 19861020