

Title (en)
BAR CORE CURRENT TRANSFORMER

Publication
EP 0571319 A3 19931215 (DE)

Application
EP 93810227 A 19930330

Priority
CH 110192 A 19920403

Abstract (en)
[origin: EP0571319A2] In the case of the current transformer according to the invention, the components which are used are arranged in a novel manner. The primary winding (7) is arranged around the secondary winding (8), with the extended core (9), at a distance which is provided for the insertion of high-voltage insulation (10). The secondary winding (8) and core (9) are located in an earthed electrically conductive tube (12) in which the output leads of the secondary winding are connected to earth. This construction avoids the mutual looping around of the core and windings which is necessary according to the prior art and which, for some applications, is unfavourable and costly in production engineering terms. <IMAGE>

IPC 1-7
H01F 40/06; H02M 5/12

IPC 8 full level
H01F 38/30 (2006.01)

CPC (source: EP US)
H01F 38/30 (2013.01 - EP US)

Citation (search report)
• [A] US 4060759 A 19771129 - PANU KALEVI
• [A] US 4032837 A 19770628 - PANU KALEVI
• [A] CH 568646 A5 19751031 - SIEMENS AG

Cited by
EP4089696A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL PT SE

DOCDB simple family (publication)
EP 0571319 A2 19931124; EP 0571319 A3 19931215; EP 0571319 B1 19960612; AT E139365 T1 19960615; CA 2093288 A1 19931004; DE 59302880 D1 19960718; ES 2089773 T3 19961001; NO 931245 D0 19930331; NO 931245 L 19931004; US 5504419 A 19960402

DOCDB simple family (application)
EP 93810227 A 19930330; AT 93810227 T 19930330; CA 2093288 A 19930402; DE 59302880 T 19930330; ES 93810227 T 19930330; NO 931245 A 19930331; US 4260593 A 19930402