

Title (en)  
Bar core current transformer

Title (de)  
Stabkern-Stromwandler

Title (fr)  
Transformateur du courant avec un noyau en forme de baguette

Publication  
**EP 0571319 B1 19960612 (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 38/28**; H02M 5/12

IPC 8 full level  
**H01F 38/30** (2006.01)

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Cited by  
EP4089696A1

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