

Title (en)  
CURRENT TRANSFORMER HAVING FLUID INSULANT

Publication  
**EP 0037796 B1 19840229 (DE)**

Application  
**EP 81730027 A 19810309**

Priority  
DE 8008660 U 19800327

Abstract (en)  
[origin: EP0037796A1] 1. A gas- or liquid-insulated current transformer for high voltage comprising a head housing (4) which is arranged above an insulator (2) and through which passes a primary conductor (5) and in which, in a protective sleeve (6), there is arranged at least one iron core (7, 8) provided with a secondary winding (9, 10), wherein the protective sleeve is supported by a metal tube (12) which is arranged in the insulator (2) and is fixed to an upper support plate (15) of a base housing (18) located beneath the insulator, wherein the current transformer is braced at the outer edge of the support plate, and wherein a box (20) provided with ducts is suspended from the lower part of the support plate, characterised in that the box (20) is fixed in gas- and liquid-tight manner, to the support plate (15), which is provided with feet (19), and at the bottom, is tightly sealed by lead-through plate (25) which carries the ducts ; and that the interior (27) of the box (20) is connected to the interior of the insulator (2) and of the head housing by way of through-openings (26) in the support plate (15).

IPC 1-7  
**H01F 40/06**; **H01F 27/04**; **H01F 27/14**

IPC 8 full level  
**H01F 27/04** (2006.01); **H01F 27/14** (2006.01); **H01F 38/30** (2006.01)

CPC (source: EP)  
**H01F 27/04** (2013.01); **H01F 27/14** (2013.01); **H01F 38/30** (2013.01)

Citation (examination)  
• DE 723869 C 19420812 - KOCH & STERZEL AG  
• GB 221201 A 19250402 - VICKERS ELECTRICAL CO LTD  
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