

Title (en)  
HIGH TEMPERATURE TRANSFORMERS

Publication  
**EP 0387994 A3 19920108 (EN)**

Application  
**EP 90301261 A 19900207**

Priority  
GB 8905972 A 19890315

Abstract (en)  
[origin: EP0387994A2] A transformer whose windings are insulated with cellulose-based materials and are immersed in a carboxylic ester liquid, the liquid and the load capacity rating of the transformer being such that the normal winding hot-spot temperature is in the range 110 DEG C to 130 DEG C, preferably in the region of 130 DEG C, and thus substantially hotter than 98 DEG C.

IPC 1-7  
**H01F 27/32**

IPC 8 full level  
**H01B 3/32** (2006.01); **H01F 27/32** (2006.01)

CPC (source: EP)  
**H01B 3/32** (2013.01); **H01F 27/321** (2013.01)

Citation (search report)  
• [X] DE 2838482 A1 19800320 - MICANITE & INSULATORS CO LTD  
• [A] US 3413404 A 19681126 - MACFADYEN KENNETH W, et al  
• [AD] GB 1602092 A 19811104 - MICANITE & INSULATORS CO LTD

Cited by  
EP1764807A1; US2023121933A1; US11769608B2

Designated contracting state (EPC)  
BE DE FR IT

DOCDB simple family (publication)  
**EP 0387994 A2 19900919; EP 0387994 A3 19920108**; GB 2229583 A 19900926; GB 8905972 D0 19890426; GB 9002744 D0 19900404

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**EP 90301261 A 19900207**; GB 8905972 A 19890315; GB 9002744 A 19900207