

Title (en)  
Explosion-proof voltage transformer

Title (de)  
Explosionsgeschützter Spannungswandler

Title (fr)  
Transformateur de tension antidéflagrant

Publication  
**EP 1189249 A3 20021127 (DE)**

Application  
**EP 01121495 A 20010908**

Priority  
• DE 20016065 U 20000916  
• DE 20107017 U 20010424

Abstract (en)  
[origin: EP1189249A2] A potential transformer has a surrounding sleeve (3) as a protective device with an over-pressure safety device mounted on the top side of the sleeve. The over-pressure safety device is designed as a cover plate (7) that is pressed with pressure springs onto the sleeve. Bolts with a head and at least one thread on the end side are provided. Each bolt is guided through the center of a pressure spring, an opening in the cover plate and cover-like opening in the top edge of the sleeve.

IPC 1-7  
**H01F 27/40**; **H01F 38/26**

IPC 8 full level  
**H01F 27/40** (2006.01); **H01F 38/26** (2006.01); **H01F 27/02** (2006.01)

CPC (source: EP)  
**H01F 27/402** (2013.01); **H01F 38/26** (2013.01); **H01F 27/02** (2013.01)

Citation (search report)  
• [X] DE 2624882 A1 19771215 - TRANSFORMATOREN UNION AG  
• [A] DE 2749659 A1 19790510 - BALTEAU SA  
• [A] FR 2713837 A1 19950616 - MERLIN GERIN [FR]  
• [A] US 2904616 A 19590915 - KOEPKE JOHN F, et al  
• [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14 22 December 1999 (1999-12-22)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 169 (E - 511) 30 May 1987 (1987-05-30)

Cited by  
EP1648001A1; DE202014100486U1; EP3373313A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1189249 A2 20020320**; **EP 1189249 A3 20021127**; **EP 1189249 B1 20051116**; AT E310312 T1 20051215; DE 50108068 D1 20051222; ES 2253312 T3 20060601

DOCDB simple family (application)  
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