

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)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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

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