

Title (en)
SYNTHETIC INSULATING MEMBER UNDER MECHANICAL STRESS WITH GLASS FIBRE REINFORCEMENT FREE OF BORON AND BORON COMPOUNDS FOR HIGH TENSION SWITCHING ARRANGEMENTS CONTAINING SULPHUR-HEXAFLUORID GAS

Publication
EP 0028281 B1 19830518 (DE)

Application
EP 80101036 A 19800303

Priority
CH 990379 A 19791105

Abstract (en)
[origin: US4375527A] The resistance of insulating pieces made of fiberglass reinforced plastics against the decay products of SF₆, such as occur within sealed high-voltage switching devices is unexpectedly enhanced by the use of a reinforcing fiberglass made of a low-alkali silicate glass containing neither boron nor boron-compounds.

IPC 1-7
H01H 33/02; **H01B 3/08**

IPC 8 full level
H01H 33/56 (2006.01); **B32B 17/04** (2006.01); **H01B 3/08** (2006.01); **H01H 33/02** (2006.01)

CPC (source: EP US)
H01B 3/087 (2013.01 - EP US); **H01H 33/021** (2013.01 - EP US); **Y10S 174/01** (2013.01 - EP US); **Y10T 428/24994** (2015.04 - EP US); **Y10T 428/31525** (2015.04 - EP US); **Y10T 428/31616** (2015.04 - EP US)

Citation (examination)
FR 1435073 A 19660415 - VERRE TEXTILE SOC DU [FR]

Cited by
EP0129149A1; WO8301707A1

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AT BE DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0028281 A1 19810513; **EP 0028281 B1 19830518**; AT E3481 T1 19830615; CH 640664 A5 19840113; DE 3063238 D1 19830707; JP S5671227 A 19810613; US 4375527 A 19830301

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