

Title (en)
DIELECTRIC OF GLASS FOR AN ELECTRICAL INSULATOR

Publication
EP 0163873 B1 19890802 (FR)

Application
EP 85104627 A 19850418

Priority
FR 8406301 A 19840420

Abstract (en)
[origin: US4757162A] Rigid electrical insulator including a soda-lime glass dielectric with an average thickness of 10 to 15 mm, exhibiting a substantially parabolic stress curve, wherein the maximum value of the surface compression stresses at any point in the part falls within the range of 30 to 80 MPa, while the maximum value of the internal tensile stresses at any point in the part falls within the range of 15 to 40 MPa.

IPC 1-7
H01B 3/08; H01B 17/14

IPC 8 full level
H01B 3/08 (2006.01); **H01B 17/14** (2006.01); **H01B 17/20** (2006.01)

CPC (source: EP US)
H01B 17/14 (2013.01 - EP US); **H01B 17/20** (2013.01 - EP US); **Y10T 428/315** (2015.01 - EP US)

Citation (examination)

- ANSI C29.2-1983, American National Standards Institute, Inc., New York, N.Y., US: "Insulators wet-process porcelain and toughened glass-suspension type"
- ANSI C29.6-1984, American National Standards Institute, Inc., New York, N.Y., US: "High-voltage pin type"
- ANSI C29.7-1983, American National Standards Institute, Inc., New York, N.Y., US: "High-voltage line-post type"
- INFOVER, une brochure de la Société SEDIVER-CERAVER S.A., Commercial Department, Paris
- "At a glance inspection" de la Société SEDIVER-CERAVER S.A., Commercial Department, Paris

Cited by
US11963320B2; US11634359B2; US11079309B2; US11492291B2; US11613103B2; US10579106B2; US11267228B2; US11084756B2; US11746046B2; US11021393B2; US11377388B2; US9908811B2; US10787387B2; US11472734B2; US11878936B2; US10017417B2; US10570059B2; US11174197B2; US11279652B2; US11691913B2; US11878941B2; US10259746B2; US10266447B2; US10294151B2; US10364182B2; US10532947B2; US10730791B2; US11220456B2; US11459270B2; US11465937B2

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4757162 A 19880712; AT E45241 T1 19890815; AU 4129785 A 19851024; AU 581653 B2 19890302; BR 8501888 A 19851224; CA 1255768 A 19890613; DE 3572073 D1 19890907; EP 0163873 A1 19851211; EP 0163873 B1 19890802; FR 2563365 A1 19851025; FR 2563365 B1 19861205; IN 168791 B 19910608; MX 158952 A 19890331; NO 165898 B 19910114; NO 165898 C 19910424; NO 851545 L 19851021; NZ 211795 A 19890106; ZA 852957 B 19851224

DOCDB simple family (application)
US 7525087 A 19870716; AT 85104627 T 19850418; AU 4129785 A 19850416; BR 8501888 A 19850419; CA 479625 A 19850419; DE 3572073 T 19850418; EP 85104627 A 19850418; FR 8406301 A 19840420; IN 330DE1985 A 19850418; MX 20501985 A 19850418; NO 851545 A 19850418; NZ 21179585 A 19850415; ZA 852957 A 19850419