

Title (en)

High density moisture resistant mica cylinders.

Title (de)

Hochfeste feuchtbeständige Glimmerzylinder.

Title (fr)

Cylindres de mica de haute densité résistant à l'humidité.

Publication

**EP 0175635 A2 19860326 (EN)**

Application

**EP 85630151 A 19850905**

Priority

US 64934884 A 19840911

Abstract (en)

High density, moisture resistant, high temperature stable mica tubular structures and methods of making the same are described. The structures comprise one or more mica paper layers impregnated with a polysiloxane binder, said binder containing an organic titanate and a metal naphthenate. Also disclosed are methods for making such tubular mica composite structures by impregnating mica papers with such composition, rolling the impregnated papers into cylindrical form and curing the cylinder.

IPC 1-7

**H01B 3/04**; **H01B 19/02**

IPC 8 full level

**C04B 26/32** (2006.01); **B28B 21/60** (2006.01); **B28B 21/70** (2006.01); **B31F 1/00** (2006.01); **B32B 9/00** (2006.01); **D21H 17/59** (2006.01); **H01B 3/04** (2006.01); **H01B 19/02** (2006.01)

CPC (source: EP)

**B31F 1/0054** (2013.01); **D21H 17/59** (2013.01); **H01B 3/04** (2013.01); **H01B 19/02** (2013.01)

Cited by

EP0179731A3; EP0217726A1; CN113096901A; GB2225331A; US5032660A; GB2225331B; CN116913579A; EP3819114A1; WO2021089382A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0175635 A2 19860326**; **EP 0175635 A3 19860903**; BR 8504373 A 19860708; JP S61127654 A 19860614

DOCDB simple family (application)

**EP 85630151 A 19850905**; BR 8504373 A 19850910; JP 20146185 A 19850911