

Title (en)

ORGANOMETALLICS FOR LIGHTWAVE OPTICAL CIRCUIT APPLICATIONS

Title (de)

ORGANOMETALLISCHE VERBINDUNGEN ZUR VERWENDUNG IN LICHTWELLENOPTISCHEN SCHALTUNGEN

Title (fr)

COMPOSES ORGANOMETALLIQUES POUR DES APPLICATIONS DE CIRCUITS OPTIQUES A ONDE LUMINEUSE

Publication

EP 0946436 A4 20010207 (EN)

Application

EP 97946917 A 19971107

Priority

- US 9720433 W 19971107
- US 3290496 P 19961216

Abstract (en)

[origin: WO9827018A1] A plurality of organometallic compounds (12-18) are converted into vapors and are mixed along with combustion gases (32-38) to form a vapor stream that flows along through pipe (40). This vapor stream burns at burner (42) to form soot (50). This soot (50) deposits onto rotating substrate (60) so as to form a consolidated oxide layer.

IPC 1-7

C03B 19/14; **C03B 19/06**; **C03C 17/245**

IPC 8 full level

C03B 19/14 (2006.01); **C03C 17/00** (2006.01); **C03C 17/245** (2006.01); **C22C 30/00** (2006.01); **C23C 16/40** (2006.01); **C23C 16/453** (2006.01); **G02B 6/12** (2006.01); **G02B 6/13** (2006.01)

CPC (source: EP KR)

C03C 17/002 (2013.01 - EP); **C03C 17/245** (2013.01 - EP); **C22C 30/00** (2013.01 - KR); **C23C 16/401** (2013.01 - EP); **C23C 16/453** (2013.01 - EP); **C03C 2217/23** (2013.01 - EP); **C03C 2218/15** (2013.01 - EP)

Citation (search report)

- [X] US 5043002 A 19910827 - DOBBINS MICHAEL S [US], et al
- [X] US 5154744 A 19921013 - BLACKWELL JEFFERY L [US], et al
- [PX] EP 0803589 A1 19971029 - NEC CORP [JP]
- [E] WO 9827140 A1 19980625 - CORNING INC [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 009, no. 254 (C - 308) 11 October 1985 (1985-10-11)
- See references of WO 9827018A1

Designated contracting state (EPC)

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DOCDB simple family (application)

US 9720433 W 19971107; AU 5200298 A 19971107; CA 2274478 A 19971107; EP 97946917 A 19971107; JP 52769698 A 19971107; KR 19997005377 A 19990615; TW 86119273 A 19971216