

Title (en)

METHOD OF MAKING LARGE SCALE OPTICAL FIBER PREFORMS WITH IMPROVED PROPERTIES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER VORFORM GROSSEN MASSSTABS FÜR OPTISCHE FASERN MIT VERBESSERTEN EIGENSCHAFTEN

Title (fr)

PROCEDE DE FABRICATION A GRANDE ECHELLE DE PREFORMES DE FIBRES OPTIQUES DOTEES DE CARACTERISTIQUES AMELIOREES

Publication

EP 1044173 A4 20050309 (EN)

Application

EP 98966067 A 19981223

Priority

- US 9827418 W 19981223
- US 99730897 A 19971223

Abstract (en)

[origin: WO9932413A1] Core soot material (62) is deposited via a stream (55) onto a target (34). At least one additional layer (64) is deposited on the core material (62). A cladding layer (65) is deposited on the previous layer (64). Then this item is dehydrated, sintered and formed into a plurality of fibers.

IPC 1-7

C03B 37/014; C03B 37/018

IPC 8 full level

C03B 37/014 (2006.01)

CPC (source: EP)

C03B 37/0142 (2013.01); **C03B 37/01446** (2013.01); **C03B 37/01466** (2013.01); **C03B 2201/02** (2013.01); **C03B 2201/12** (2013.01); **C03B 2201/31** (2013.01); **C03B 2203/22** (2013.01); **C03B 2207/06** (2013.01); **C03B 2207/12** (2013.01); **C03B 2207/54** (2013.01); **C03B 2207/64** (2013.01); **C03B 2207/87** (2013.01); **Y02P 40/57** (2015.11)

Citation (search report)

- [Y] US 5318611 A 19940607 - MERRITT TREVOR [US]
- [A] US 3823995 A 19740716 - CARPENTER L
- [Y] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 09 30 September 1996 (1996-09-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 196 (C - 297) 13 August 1985 (1985-08-13)
- [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 084 (C - 482) 17 March 1988 (1988-03-17)
- See references of WO 9932413A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

WO 9932413 A1 19990701; EP 1044173 A1 20001018; EP 1044173 A4 20050309

DOCDB simple family (application)

US 9827418 W 19981223; EP 98966067 A 19981223