

Title (en)

Process and apparatus for treatment of fibrous material

Title (de)

Verfahren und Vorrichtung zur Behandlung von Fasermaterial

Title (fr)

Procédé et appareil pour le traitement des matériaux fibreux

Publication

**EP 0826814 A3 19980805 (DE)**

Application

**EP 97114629 A 19970823**

Priority

DE 19634725 A 19960828

Abstract (en)

[origin: EP0826814A2] The technique for processing fibre materials has an initial cleaning phase using a solvent. It is followed by a vacuum drying stage, followed by a plasma treatment to modify the fibre surfaces. Also claimed is an assembly with a container (102) for the cleaning agent with a solvent to clean the fibres, a vacuum dryer (104) and a plasma processing vessel (106).

IPC 1-7

**D06M 10/02**; **D06L 1/00**

IPC 8 full level

**D06B 21/00** (2006.01); **D06L 1/00** (2006.01); **D06L 1/16** (2006.01); **D06M 10/02** (2006.01)

CPC (source: EP US)

**D06B 21/00** (2013.01 - EP US); **D06L 1/16** (2013.01 - EP US); **D06M 10/025** (2013.01 - EP US)

Citation (search report)

- [XA] EP 0592979 A1 19940420 - EC CHEM IND CO [JP], et al
- [A] DE 4339427 A1 19940526 - SANDO IRON WORKS CO [JP]
- [A] DE 3248730 A1 19830804 - SANDO IRON WORKS CO [JP]
- [A] DATABASE WPI Section Ch Week 9413, Derwent World Patents Index; Class F06, AN 94-107390, XP002067747
- [A] DATABASE WPI Section Ch Week 9224, Derwent World Patents Index; Class A23, AN 92-195823, XP002067748
- [A] DATABASE WPI Section Ch Week 9229, Derwent World Patents Index; Class F06, AN 92-239568, XP002067749

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0826814 A2 19980304**; **EP 0826814 A3 19980805**; **EP 0826814 B1 20030924**; DE 19634725 A1 19980305; DE 59710775 D1 20031030; PT 826814 E 20040227; US 5960648 A 19991005

DOCDB simple family (application)

**EP 97114629 A 19970823**; DE 19634725 A 19960828; DE 59710775 T 19970823; PT 97114629 T 19970823; US 91793197 A 19970827