

Title (en)

PRINTING CYLINDER WITH A PLASTIC SLEEVE CONTAINING CARBON FIBERS

Title (de)

DRUCKFORMZYLINDER MIT EINER KOHLEFASERN ENTHALTENDEN KUNSTSTOFFHÜLSE

Title (fr)

CYLINDRE DE FORME AVEC MANCHON PLASTIQUE COMPRENANT DES FIBRES DE CARBONE

Publication

EP 1735157 A2 20061227 (DE)

Application

EP 05706893 A 20050114

Priority

- EP 2005000353 W 20050114
- DE 102004002383 A 20040115

Abstract (en)

[origin: WO2005067364A2] The invention relates to a cylinder (1) for receiving a printing form, which (1) can rotate about its main axis of symmetry during printing and which (1) has at least one first sleeve (20) that contains carbon fiber-reinforced plastic. The invention is characterized in that the majority of carbon fibers in the plastic are oriented essentially parallel to the main axis of symmetry of the cylinder (1). The invention also relates to production methods for producing the inventive cylinder.

IPC 8 full level

B41C 1/18 (2006.01); **B41F 13/10** (2006.01); **B41F 27/10** (2006.01); **B41N 1/22** (2006.01)

CPC (source: EP US)

B41C 1/182 (2013.01 - EP US); **B41F 13/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2005067364A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

WO 2005067364 A2 20050728; **WO 2005067364 A3 20061005**; CN 1960872 A 20070509; EP 1735157 A2 20061227; US 2007119319 A1 20070531

DOCDB simple family (application)

EP 2005000353 W 20050114; CN 200580007257 A 20050114; EP 05706893 A 20050114; US 58624805 A 20050114