

Title (en)
HOLLOW CYLINDRICAL CARBON FIBER CONSTRUCTION

Title (de)
HOHLZYLINDRISCHES CARBONFASERGEBILDE

Title (fr)
STRUCTURE EN FIBRES DE CARBONE CYLINDRIQUE CREUSE

Publication
EP 3864210 A1 20210818 (DE)

Application
EP 19786535 A 20191008

Priority
• DE 102018217237 A 20181009
• EP 2019077209 W 20191008

Abstract (en)
[origin: WO2020074504A1] The invention relates to a hollow cylindrical carbon fiber construction, comprising a carbon fiber nonwoven, which is continuous between the inner lateral surface and the outer lateral surface of the carbon fiber construction all around. Said hollow cylindrical carbon fiber construction can be obtained by a method in which a hollow cylindrical starting fiber construction, which comprises a nonwoven that is continuous between the inner lateral surface and the outer lateral surface of the starting fiber construction all around, is subjected to a pyrolysis process.

IPC 8 full level
D04H 1/4242 (2012.01); **D04H 1/46** (2012.01); **D04H 1/76** (2012.01); **D04H 3/073** (2012.01); **D04H 3/105** (2012.01)

CPC (source: EP US)
B01D 39/2065 (2013.01 - EP); **D04H 1/4242** (2013.01 - EP US); **D04H 1/46** (2013.01 - EP US); **D04H 1/76** (2013.01 - EP US); **D10B 2101/12** (2013.01 - US); **D10B 2321/10** (2013.01 - US)

Citation (examination)
WO 9015892 A1 19901227 - OSAKA GAS CO LTD [JP], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102018217237 A1 20200409; EP 3864210 A1 20210818; US 2021388546 A1 20211216; WO 2020074504 A1 20200416

DOCDB simple family (application)
DE 102018217237 A 20181009; EP 19786535 A 20191008; EP 2019077209 W 20191008; US 201917283891 A 20191008