

Title (en)
Open-end spinning rotor

Title (de)
Offenend-spinnrotor

Title (fr)
Rotor de filage à bout libre

Publication
EP 0992619 A3 20000426 (DE)

Application
EP 99124585 A 19951104

Priority
• DE 4441087 A 19941118
• EP 95117373 A 19951104

Abstract (en)
[origin: EP0992619A2] A rotor for open end spinning has a fiber impact surface (113) less than 7 mm wide, preferably between 2.2 and 4.2 mm wide. The fiber collecting groove (112) is less than 35 mm diameter, preferably less than 27.5 mm and the diameter of the opening (111) is at least 84% that of the collecting groove (112).

IPC 1-7
D01H 4/08; **D01H 4/10**

IPC 8 full level
D01H 4/08 (2006.01); **D01H 4/10** (2006.01)

CPC (source: EP US)
D01H 4/10 (2013.01 - EP US)

Citation (search report)
• [DA] DE 4123255 A1 19930114 - STAHLER FRIEDRICH [DE], et al
• [A] US 4170102 A 19791009 - WHITELEY JOHN [GB]
• [A] DE 3636182 A1 19880428 - SCHLAFHORST & CO W [DE]
• [DA] DE 2301439 A1 19730719 - PLATT INTERNATIONAL LTD
• [DA] DE 2016469 A1 19701015
• [DA] DE 4224687 A1 19940217 - RIETER INGOLSTADT SPINNEREI [DE]
• [A] EP 0301581 A1 19890201 - TOYODA CHUO KENKYUSHO KK [JP]
• [A] DE 2261042 A1 19740627 - STAHLER FRIEDRICH
• [A] US 4241572 A 19801230 - LE CHATELIER JACQUES [FR]

Cited by
CN107904712A

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0712947 A2 19960522; EP 0712947 A3 19960814; EP 0712947 B1 20010919; AT E205890 T1 20011015; AT E232916 T1 20030315; BR 9505210 A 19970916; CZ 287580 B6 20001213; CZ 300995 A3 19960612; DE 4441087 A1 19960523; DE 59509612 D1 20011025; DE 59510562 D1 20030327; EP 0992619 A2 20000412; EP 0992619 A3 20000426; EP 0992619 B1 20030219; EP 0992619 B2 20060830; US 5755087 A 19980526

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EP 95117373 A 19951104; AT 95117373 T 19951104; AT 99124585 T 19951104; BR 9505210 A 19951117; CZ 300995 A 19951115; DE 4441087 A 19941118; DE 59509612 T 19951104; DE 59510562 T 19951104; EP 99124585 A 19951104; US 79225897 A 19970131