

Title (en)  
Open-end spinning rotor

Title (de)  
Offenend-spinnrotor

Title (fr)  
Rotor de filage à bout libre

Publication  
**EP 0992619 B2 20060830 (DE)**

Application  
**EP 99124585 A 19951104**

Priority  
• DE 4441087 A 19941118  
• EP 95117373 A 19951104

Abstract (en)  
[origin: EP0712947A2] An open-end spinner has a rotor (11) with a rim (113) which extends from the opening (111) to the fibre collecting groove (112). An extension (3) which projects into the rotor has a yarn draw-off hole (33) and a fibre feed channel (31) with an impact surface (32) essentially at right angles to the feed channel. The impact surface (32) is arranged so that the fibres pass along it to the fibre collecting groove (112) or the rim (113) with a distance of less than 5.5 mm from the fibre collecting groove. Also claimed is a spinning rotor with a distance of less than 7 mm between the fibre collecting groove (112) and the opening (111), a fibre groove (112) dia. of less than 35 mm. and an opening (111) at least 84% of the fibre groove dia..

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 (opposition)  
Opponent :  
• CH 572106 A5 19760130 - VYZK USTAV BAVLNARSKY  
• AT 372119 B 19830912 - RIETER AG MASCHF [CH]

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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