

Title (en)

OPEN-END SPINNING ROTOR FOR TEXTILE MACHINE PRODUCING CROSS-WOUND PACKAGES

Title (de)

OFFENEND-SPINNROTOR FÜR EINE KREUZSPULEN HERSTELLENDEN TEXTILMASCHINE

Title (fr)

ROTOR DE FILAGE A EXTREMITÉ OUVERTE POUR MACHINE TEXTILE QUI FABRIQUE DES BOBINES CROISÉES

Publication

**EP 1966421 B2 20200729 (DE)**

Application

**EP 06792026 A 20060913**

Priority

- EP 2006008907 W 20060913
- DE 102005062196 A 20051223

Abstract (en)

[origin: DE102005062196A1] A cross-wind textile assembly has an open-ended spinning rotor whose shaft has a magnetic bearing, a rotor cup, and a front-side rotor mouth to a fiber slip-wall, a rotor groove and a rotor base to a transitional zone. The rotor cup (29) is a thin-walled component whose center of gravity is at a notional point (50D) is located behind the fiber slip-wall as seen from the rotor mouth (30).

IPC 8 full level

**D01H 4/10** (2006.01)

CPC (source: EP)

**D01H 4/10** (2013.01)

Citation (opposition)

Opponent :

- EP 1156142 A1 20011121 - SCHLAFHORST & CO W [DE]
- EP 0712947 A2 19960522 - RIETER INGOLSTADT SPINNEREI [DE]

Cited by

DE102016109509A1; EP3249085A2

Designated contracting state (EPC)

CZ DE TR

DOCDB simple family (publication)

**DE 102005062196 A1 20070628**; CN 101316957 A 20081203; CN 101316957 B 20110112; EP 1966421 A1 20080910; EP 1966421 B1 20120822; EP 1966421 B2 20200729; WO 2007079794 A1 20070719

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**DE 102005062196 A 20051223**; CN 200680044392 A 20060913; EP 06792026 A 20060913; EP 2006008907 W 20060913