

Title (en)

SPINNING COIL CARRIER AND EXPANSION UNIT FOR A SPINNING COIL CARRIER

Title (de)

SPINNPULENTÄGER SOWIE SPREIZEINHEIT FÜR EINEN SPINNPULENTÄGER

Title (fr)

SUPPORT DE BOBINE DE FILATURE AINSI QU'UNITÉ D'ÉCARTEMENT POUR UN SUPPORT DE BOBINE DE FILATURE

Publication

EP 3670411 B1 20230405 (DE)

Application

EP 19214332 A 20191209

Priority

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Abstract (en)

[origin: CN111320026A] The invention relates to a spinning creel and an expansion unit for the spinning coil carrier. The expansion unit has a bearing part connectable to a base frame through a base surface and a claw part connectable to a clamping claw through the bottom surface. The bearing part and the claw part abut against each other through a bearing part contact surface and a claw part contact surface, and the bearing part contact surface and the claw part contact surface are oriented obliquely with respect to the base surface and the bottom surface accordingly. Adjustment movement of the claw part relative to the bearing part parallel to the base surface and the bottom surface and directed to the contact surface causes a change in the gap between the bottom surface and the base surface. In order to provide the spinning creel for ensuring that a clamping claw is reliably connected to a spinning bobbin and the expansion unit for the spinning creel, it is provided that the contact surface of the bearing part and the contact surface of the claw part have a direction curved surrounding the first bending axis extending in the adjustment direction of the bearing part contact surface/claw part contact surface, so that the claw part can perform a lateral swing movement transverse to the adjustment direction relative to the bearing part.

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