

Title (en)

Yarn feeder with lightweight yarn-winding drum

Title (de)

Fadenliefervorrichtung mit einer leichten Fadenaufwickeltrommel

Title (fr)

Fournisseur de fil avec un tambour léger d'enroulement de fil

Publication

EP 2218670 A1 20100818 (EN)

Application

EP 09425054 A 20090216

Priority

EP 09425054 A 20090216

Abstract (en)

A housing (12) supports a yarn-winding drum (14) driven to rotate by a motor (13). The yarn-winding drum (14) comprises a molded frame (26) made of a synthetic material and provided with a hub (28) having a plurality of spokes (30) which radially project therefrom and have an aerodynamic profile in the direction of rotation. The spokes bear respective yarn-bearing arms (32) which project from the outer ends of the spokes (30) in a direction substantially parallel to the axis of the hub and also have an aerodynamic profile in the direction of rotation. A stiffening ring (36) is connected to the free ends of said yarn-bearing arms (32) coaxially to the hub (28).

IPC 8 full level

B65H 51/22 (2006.01); **D04B 15/48** (2006.01)

CPC (source: EP)

B65H 51/22 (2013.01); **D04B 15/48** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

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AL BA RS

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