

Title (en)

Warp yarn guiding roller of composite material for looms

Title (de)

Kettfadenführungsrolle aus Verbundmaterial für Webmaschinen

Title (fr)

Rouleau de guidage de fils de chaîne en matériau composite pour métiers à tisser

Publication

EP 0808926 A1 19971126 (EN)

Application

EP 97108493 A 19970521

Priority

IT MI960383 U 19960522

Abstract (en)

The present invention concerns an oscillating warp yarn guiding roller for looms, of the type supported at the ends by levers (9) alternately oscillating in opposition to spring means (8), which consists of a pair of aligned short metal shafts (3b) perpendicular to said levers (9) to which they are fixed at their outer end, while their inner facing ends are reciprocally connected through a thin pipe coupling (12), and of a hollow cylinder (3a) of composite material freely rotating around the pair of short metal shafts (3b), through bearings (11) mounted onto said shafts (3b). Preferably, the composite material of the hollow cylinder (3a) is based on carbon fibres. <IMAGE>

IPC 1-7

D03D 49/22

IPC 8 full level

D03D 49/22 (2006.01)

CPC (source: EP)

D03D 49/22 (2013.01)

Citation (search report)

- [A] DE 3346030 A1 19850620 - INST TEXTIL & FASERFORSCHUNG [DE]
- [A] FR 2106616 A1 19720505 - ELITEX ZAVODY TEXTILNIHO

Designated contracting state (EPC)

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EP 0808926 A1 19971126; EP 0808926 B1 20011017; DE 69707352 D1 20011122; DE 69707352 T2 20020502; ES 2164958 T3 20020301; IT 240680 Y1 20010402; IT MI960383 U1 19971122

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