

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 B1 20011017 (EN)

Application

EP 97108493 A 19970521

Priority

IT MI960383 U 19960522

Abstract (en)

[origin: EP0808926A1] 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>

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