

Title (en)
SHUTTLE INSERTION DEVICE FOR A LOOM

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EP 0198148 B1 19920205 (DE)

Application
EP 86100004 A 19860102

Priority
CH 156585 A 19850413

Abstract (en)
[origin: EP0198148A2] A rotating shaft wheel assumes the function of a rotating power source for the throw of a shuttle. The transmission of this drive energy on to a springless shuttle beater (i) takes place by means of a striker roll, a lifting flank (e) connected adjustably to a springless picker stick (d), an unelastic and flexible traction means (g) in the form of a steel rope, and a hinged rod made of a crank (a) and a piston rod (b) of a similar length. The lifting flank is proportioned appropriately to transmit an even movement of rotation on to the picker stick. The crank is equipped with a part resembling a circular segment (c) with a radius equal to the crank length. The section passes on in a circular form the movement taken over by the picker stick on to the crank for effecting the shuttle throw.

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