

Title (en)
PNEUMATIC THREAD CLAMP AND DEVICE FOR DETACHING A WEFT THREAD FROM THE BEAT-UP LINE ON WEAVING LOOMS WITH SUCH A CLAMP

Publication
EP 0309012 B1 19911127 (FR)

Application
EP 88201571 A 19880720

Priority
BE 8700834 A 19870728

Abstract (en)
[origin: EP0309012A1] The pneumatic clamp, e.g for a thread in a weaving machine, consists of a tubular suction element (2) with a closed tip (6) and a suction intake (3) which is able to interact with a single thread (4). A guide surface (5) directs the thread into position in front of the intake. The guide surface is in the form of a V-section recess, with the intake in the base of the V. the suction can be provided by a single suction channel inside the tubular element, or by two channels - one an air feed channel and the other a return channel shaped to create the suction at the intake orifice. The clamp can also be equipped with a sensor element to detect a thread in front of the intake.

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CPC (source: EP)
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Cited by
EP0336388A3; EP0458736A1; US5158120A

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