

Title (en)
PNEUMATIC SPLICER WITH THREAD TWISTING MEANS

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EP 0227370 A3 19870916 (EN)

Application
EP 86309554 A 19861209

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Abstract (en)
[origin: EP0227370A2] A yarn splicer (310) having a closable pneumatic chamber (320) which is permanently open at each end so as to receive the yarns to be spliced from opposite ends, discrete yarn rolling means (361, 362 (361 min , 362 min)) arranged on either side of the splicer adjacent each end of the chamber to engage the running portion of a respective yarn in the chamber, and yarn gripping means (326, 327, 328) also disposed at either end of the chamber to engage the respective loose ends of the yarns. Actuation of the splicer results in a prescribed rolling action on the yarns in a direction to completely detwist them, and deactivation results in an equal and opposite action on the yarns so as to restore the original twist. The preferred arrangement has a biased lost motion linkage between the actuation means and the chamber-mechanism which provides a drive to the rolling means and gives an over-twist to the yarns during detwisting and which recovers the over-twist as well as restoring the original twist at the termination of the splice.

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B65H 69/061 (2013.01); **B65H 69/065** (2013.01); **B65H 2402/414** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
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• EP 0039609 A1 19811111 - SAVIO SPA [IT]

Cited by
CN106062263A; CN112093588A; WO2005118449A1; WO2015121645A1

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