

Title (en)
PROCESS AND DEVICE FOR CONNECTING AT LEAST TWO RODS

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Application
EP 86905189 A 19860924

Priority
CH 411585 A 19850924

Abstract (en)
[origin: WO8701753A1] Process for connecting two rods in which a connecting piece provided with a rotary hook seizes a loop of wire surrounding the rods and twists it during a tractional movement, whereby the rods to be connected (A, B) are surrounded by a wire stirrup (61), the ends of which are provided with connecting pieces (96, 100), so that the connecting pieces when seen from the hook (16) side connect with one another behind the rods, and the closed stirrup is gripped in front of the rods by the hook (16) of the connecting piece (50) and is twisted. The connecting piece (50) comprises a slide (88) connected with a moveable engagement piece for advancing the stirrup (61a), and jaws (54, 55) which place the locking pieces (96, 100) of the stirrup behind the rods to be connected (A, B). With this device it is possible to connect in a single operation two reinforcing bars by a simple pressure forward and backwards so that one thus avoids the difficulty of pushing the connecting wire behind the rods which are to be connected. In particular this considerably simplifies working on the ground, enables the work to be performed by less skilled personnel and in addition is faster than conventional methods.

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Cited by
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