

Title (en)
LOCKING ELEMENT AND PINCERS FOR FREEING AND FOR WITHDRAWING THE SAME

Publication
EP 0101599 B1 19861120 (DE)

Application
EP 83107923 A 19830811

Priority
DE 3230505 A 19820817

Abstract (en)
[origin: EP0101599A2] 1. A locking element (3) formed of a metallic tape to bring about a detachable connection of area elements (1, 2) pushing together, for example of partial sections of metal forming the floor covering material for roadways, the locking element being (3) provided on its both sides with leg-type attachments (7), showing downwards, arranged in distances (A), and lying opposite to each other, which are running parallelly, so that the locking element (3) shows an U-section in its upper area, with the distance (A) between the two leg-type attachments (7) being slightly larger than double of wall thickness (S) of the outside frames (4, 5) of the area elements (1, 2), and with the leg-type attachments gripping into the recesses (6) of the area elements (1, 2), characterized in that the length (L) of the leg-type attachments (7) is somewhat longer than the height (H) of the outside frames (4, 5) of the area elements (1, 2) ; that the leg-type attachments (7) are bevelled on one side in such a way, that the width (b) of their bottom edge is smaller than half the width (B) in the upper section ; and that the end pieces (8, 9) of the leg-type attachments (7) are being beaded to the inner side in such a way, that the length (1) of each beaded end piece (8, 9) of the leg-type attachments (7) is longer than half the distance (A) between the two leg-type attachments (7), so that the locking element (3) shows a closed U-section at its lower end and therefore embraces the outside frames (4, 5) of the area elements (1, 2).

IPC 1-7
E01C 9/08; **B25B 7/02**; **E01C 23/12**; **F16B 5/06**

IPC 8 full level
B25B 7/02 (2006.01); **E01C 9/08** (2006.01); **E01C 23/12** (2006.01); **F16B 5/06** (2006.01)

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