

Title (en)

METHOD OF AND APPARATUS FOR MANUFACTURING SLIDE FASTENER COUPLING ELEMENTS

Publication

**EP 0064764 B1 19850828 (EN)**

Application

**EP 82104079 A 19820511**

Priority

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- JP 21506081 A 19811229

Abstract (en)

[origin: EP0064764A2] A method of and apparatus for manufacturing coupling elements (2 min ), suitable for a two-way slide fastener (3), successively from a rod (4) of metal of a generally Y-shaped cross section having a base (5), as a prospective coupling head, and a pair of diverging-legs (6, 6). As the rod (4) is fed longitudinally stepwise, it is transversely sliced into a plurality of coupling element blanks (2), one at a time, on the backward stroke of relative movement of a coacting cutting die and punch (10, 11). At the end of the backward stroke of the cutting die and punch (10, 11), a chamfering surface (21) on the cutting punch (11) is forced against the base (5) of the rod (4) to form a chamfered portion (20) thereon so that each sliced coupling element blank (2) has the chamfered base (5 min ). The chamfered base (5 min ) of each coupling element blank (2) is then formed, by a coacting forming die and punch (12,13), into a final coupling head (5 sec ) of one coupling element (2 min ) which head has a projection (30) from one face and a socket (31) in the other face at such a position that the chamfered portion (20) is disposed around the socket (31).

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**B21D 53/52**

IPC 8 full level

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CPC (source: EP)

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Cited by

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