

Title (en)

METHOD OF AND APPARATUS FOR MANUFACTURING SLIDE FASTENER COUPLING ELEMENTS

Publication

EP 0064764 A3 19830720 (EN)

Application

EP 82104079 A 19820511

Priority

- JP 7200481 A 19810513
- 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

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CPC (source: EP)

A44B 19/06 (2013.01); **B21D 53/52** (2013.01)

Citation (search report)

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