

Title (en)

A FASTENING MEMBER FOR ELEMENTS, A METHOD AND A SYSTEM FOR MANUFACTURING A FASTENING MEMBER, AND AN ARRANGEMENT WHEREIN ELEMENTS ARE FASTENED USING A FASTENING MEMBER

Title (de)

BEFESTIGUNGSGLIED FÜR ELEMENTE, SYSTEM UND VERFAHREN ZUR HERSTELLUNG DES BEFESTIGUNGSGLIEDS UND ANORDNUNG MIT DARIN MITHILFE DES BEFESTIGUNGSGLIEDS BEFESTIGTEN ELEMENTEN

Title (fr)

DISPOSITIF DE FIXATION D'ÉLÉMENTS, PROCÉDÉ ET SYSTÈME DE FABRICATION D'UN DISPOSITIF DE FIXATION, ET AGENCEMENT DANS LEQUEL DES ÉLÉMENTS SONT FIXÉS AU MOYEN D'UN DISPOSITIF DE FIXATION

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Application

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Abstract (en)

[origin: WO2013007878A1] The invention relates to a fastening member for fastening of elements, which fastening member has at least a first side (3) and a second side (2), wherein the first side (3) of the fastening member (1) has at least two transversal extensions (12a, 12b). The fastening member has at least one longitudinal extension (11 a, 11b), and at least two holes (10a, 10b, 10c), in the longitudinal axis of the fastening member. The invention further relates to a system and a method for manufacturing a fastening member used for fastening of elements, and an arrangement and a use for fastening elements.

IPC 8 full level

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Citation (search report)

- [XY] US 2003154662 A1 20030821 - BRUCHU TODD [US], et al
- [XY] FR 2864568 A3 20050701 - FORESTIA [FR]
- [X] CA 2628801 A1 20080729 - HOARD LEN [CA], et al
- [X] US 2009019805 A1 20090122 - ZANELLI MARCELLO [US]
- See references of WO 2013007878A1

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