

Title (en)

CONTINUOUSLY CONNECTED FASTENER STOCK AND METHOD OF MANUFACTURING THE SAME

Title (de)

DURCHGEHEND VERBUNDENES BEFESTIGUNGSELEMENTMATERIAL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

MATERIAU D'ELEMENT DE FIXATION RACCORDE EN CONTINU ET SONT PROCEDE DE FABRICATION

Publication

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Application

EP 02744743 A 20020701

Priority

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- US 93828301 A 20010823

Abstract (en)

[origin: WO03006324A2] Continuously connected fastener stock and a method of making same. In one embodiment, the method involves providing a rotating molding wheel, the wheel being provided with a peripheral impression comprising a pair of peripherally-extending side members interconnected by a plurality of cross-links. Molten plastic is extruded into the peripheral impression of the wheel, with a layer of controlled film overlying the peripheral impression. The molten plastic is then allowed to solidify. A knife in substantially elliptical contact with the peripheral impression is then used to skive excess plastic from the rotating molding wheel. The knife is provided with a pair of cut-out portions along its bottom edge, each cut-out portion aligned with one of the peripherally-extending side members so as to augment the transverse cross-sectional size thereof. The continuously connected fastener stock thus formed is then removed from the rotating molding wheel.

[origin: WO03006324A2] The method involves providing a rotating molding wheel, the wheel being provided with a peripheral impression comprising a pair of peripherally-extending side members interconnected by a plurality of cross-links. Molten plastic is extruded into the peripheral impression of the wheel, with a layer of controlled film overlaying the peripheral impression. The molten plastic is then allowed to solidify. A knife (111, 201) in substantially elliptical contact with the peripheral impression is then used to skive excess plastic from the rotating molding wheel. The knife (111, 201) is provided with a pair of cut-out portions (115-1, 115-2, 205-1, 205-2) along its bottom edge (113, 203), each cut-out portion (115-1, 115-2, 205-1, 205-2) being aligned with one of the peripherally-extending side members so as to augment the transverse cross-sectional size thereof. The continuously connected fastener stock thus formed is then removed from the rotating molding wheel.

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