

Title (en)

Method and Machine for Production of Three-Dimensional Stirrups

Title (de)

Verfahren und Maschine zur Herstellung von dreidimensionalen Bügeln

Title (fr)

Procédé et machine pour la production d'étriers tridimensionnels

Publication

**EP 1852195 A2 20071107 (EN)**

Application

**EP 07106878 A 20070424**

Priority

GR 20060100262 A 20060504

Abstract (en)

Method and machine for production of three-dimensional stirrups (1a) with two converging legs (4,5), from rods, wire or other material of any cross-section, wherein first is produced with the aid of a bending head (19) by making two bending operations a planar stirrup (9) with parallel legs. Afterwards, utilizing a mechanism (25) located immediately following this bending head (19), which mechanism includes an arm (16) that may move in reciprocation with the aid of a suitable mechanism (18) and has a hook (17) at its end, the free leg (5) of the planar stirrup (9) is trapped by the hook (17). This trapped free leg (5) is pulled towards the opposite leg (4) as arm (16) reciprocates, covering an appropriate distance. Finally, the third dimension is generated by bending simultaneously at locations (12, 13) with a suitable bending mechanism (22) that is located after the mechanism (25).

IPC 8 full level

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CPC (source: EP GR US)

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Citation (applicant)

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