

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 A3 20080227 (EN)

Application

EP 07106878 A 20070424

Priority

GR 20060100262 A 20060504

Abstract (en)

[origin: US2007256466A1] Machines and processes for production of three-dimensional stirrups (1 a) with two converging legs (4,5), from rods, wire or other material of any cross-section. A planar stirrup (9) with parallel legs is either produced with the aid of a bending head (19) by making two bending operations, or is furnished in prepared, precut form and is restrained, for example by a grip or jaw (26). Afterwards, utilizing a stirrup-leg adjustment mechanism (25) located immediately following this bending head (19), which mechanism (25) 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 moved 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 stirrup-leg adjustment mechanism (25).

IPC 8 full level

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CPC (source: EP GR US)

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Citation (search report)

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