

ABSTRACT

5 Provided is a mesh welding robot including a steel strip feeding mechanism (1000), a welding mechanism (3000), a material laying mechanism (2000), and a mesh rolling mechanism (4000). Steel strip feeding mechanism (1000) includes a first rack (1100), a first guide rail (1200), a limiting portion (1400), and a feeding portion (1300) slidably arranged on first guide rail (1200) and configured to secure a steel strip (1700) and drive the steel strip (1700) into motion. Welding mechanism (3000) is arranged on first rack (1100) and welds steel strip (1700) with a transverse bar (2600) into a mesh. Material laying mechanism (2000) carries and transfers transverse bar (2600) to welding mechanism (3000). A transmission assembly of mesh rolling mechanism (4000) is arranged on a stationary base (4200) and a movable base (4400), and drives the mesh to move from the end of stationary base (4200) away from movable base (4400) toward movable base (4400).
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FIG. 1