

Title (en)

GUIDING DEVICE FOR SEWING THREE-DIMENSIONAL SOFT WORK PIECES UPON SEWING MACHINES

Publication

EP 0216644 B1 19890927 (FR)

Application

EP 86401500 A 19860704

Priority

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Abstract (en)

[origin: US4730824A] An apparatus for guiding flexible sheet material for forming a three-dimensional assembly including a drive device and an edge position detector. The drive device includes a spherical drive wheel moving about two perpendicular axes. A drive roller controls the rotation of the wheel in a vertical plane and a shaft controls its rotation in a horizontal plane. The apparatus provides for measurement of angular position and for control of rotation at the end of the shaft which carries the spindle of the drive wheel. The edge position detector is formed from a strip of photoelectric diodes, a light source, and electronic circuits providing a control signal for the drive device.

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D05B 35/10

IPC 8 full level

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CPC (source: EP US)

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Cited by

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