

Title (en)

Machine for automatic cutting at right angles to the thread of textile materials, in particular of textile webs

Title (de)

Maschine zum selbsttätigen fadengeraden Trennen von Stoffen, insbesondere von Stoffbahnen

Title (fr)

Machine destinée à couper automatiquement au droit du fil des matières tissées, notamment des bandes de tissu

Publication

EP 0651087 B1 19980225 (FR)

Application

EP 94440063 A 19941003

Priority

FR 9311882 A 19931001

Abstract (en)

[origin: EP0651087A1] Machine intended for cutting woven materials, especially fabric webs, in a transversal or longitudinal direction and, more particularly, for cutting automatically at right angles to the thread. It comprises, on the one hand, a frame (1), to which is fixed pivotably about a vertical axis (40) intersecting the theoretical cutting axis (20) a rectilinear cutting blade (5) which is positioned in a vertical plane and is inclined relative to the horizontal and which intersects the horizontal plane containing the fabric web (2) to be cut, its cutting edge (50) being directed upwards, the blade (5) and the fabric web (2) being displaced relative to one another parallel to the theoretical cutting axis (20); on the other hand, means (10, 11, 14) for detecting the deviations of the blade (5) in relation to the cutting axis (20); and, on the other hand, also means (13) for the displacement of the fabric web (2), downstream of the cutting axis in relation to the pivot axis (40) of the blade (5), perpendicularly to the said cutting axis (20), this displacement being controlled by the said means (10, 11, 14) for detecting the deviations of the blade (5). <IMAGE>

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FR 2710577 A1 19950407; **FR 2710577 B1 19951222**; DE 69408623 D1 19980402; DE 69408623 T2 19980917; EP 0651087 A1 19950503; EP 0651087 B1 19980225; ES 2115908 T3 19980701

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