

Title (en)
FLUID-JET CUTTING MACHINE FOR WEBS

Publication
EP 0145527 A3 19850710 (FR)

Application
EP 84402081 A 19841016

Priority
FR 8316466 A 19831017

Abstract (en)
[origin: ES8602470A1] The cutter uses a jet of fluid delivered from a nozzle under high pressure to cut a strip of material. The cutting nozzle (22) can be displaced in either sense in a direction (Y) transverse to the length of the strip. The strip can be displaced in either sense in the direction (X) of its length by a drive mechanism (44). By control of both X and Y displacement objects of various forms (32) may be cut from the strip. - The strip is held under a transparent guide (36) on the feed side of the cutter to hold it flat during displacement in the during displacemendirection of the strip, and fluid is injected below the strip in this region to float it above the support surface. The cut piece (32) is delivered to a photo electric barrier (120) which stops delivery to allow removal of the cut piece.
[origin: ES8602470A1] The cutter uses a jet of fluid delivered from a nozzle under high pressure to cut a strip of material. The cutting nozzle (22) can be displaced in either sense in a direction (Y) transverse to the length of the strip. The strip can be displaced in either sense in the direction (X) of its length by a drive mechanism (44). By control of both X and Y displacement objects of various forms (32) may be cut from the strip. - The strip is held under a transparent guide (36) on the feed side of the cutter to hold it flat during displacement in the during displacemendirection of the strip, and fluid is injected below the strip in this region to float it above the support surface. The cut piece (32) is delivered to a photo electric barrier (120) which stops delivery to allow removal of the cut piece.

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IPC 8 full level
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CPC (source: EP US)
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Citation (search report)

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