

Title (en)

Cutting device on a plane for flexible materials like leather or fabric

Title (de)

Schneidvorrichtung für flächige, biegeschlaffe Gebilde, wie z.b. für Lederhäute oder Textilbahnen

Title (fr)

Dispositif pour la coupe de matériaux plans et souples tels que la peau ou l'étoffe

Publication

EP 0780200 B1 20010228 (DE)

Application

EP 96120687 A 19961220

Priority

DE 19548304 A 19951222

Abstract (en)

[origin: EP0780200A1] The cutting device has a cutting tool (36) supported by a holder guided along a contour cutting line. The holder is provided by a remote-controlled wheeled carriage (15) displaced within the cutting plane. Its driven wheels are in direct contact with the leather skin or textile web being cut. The carriage movement is controlled in an X-Y coordinate system, with a rotation axis (29) used for providing tangential control of the cut. The cutting contour is via a laser guidance beam (L) and a cooperating CCD camera.

IPC 1-7

B26F 1/38

IPC 8 full level

B26F 1/38 (2006.01); **C14B 5/00** (2006.01)

CPC (source: EP)

B26F 1/3813 (2013.01); **C14B 5/00** (2013.01)

Cited by

CN105946015A; CN110355041A; CN103132233A

Designated contracting state (EPC)

BE DE FR GB IE NL

DOCDB simple family (publication)

EP 0780200 A1 19970625; **EP 0780200 B1 20010228**; DE 19548304 A1 19970626; DE 19548304 C2 19970925; DE 59606500 D1 20010405

DOCDB simple family (application)

EP 96120687 A 19961220; DE 19548304 A 19951222; DE 59606500 T 19961220