

Title (en)
CONTOUR CUTTING MACHINE

Title (de)
KONTURSCHNEIDMASCHINE

Title (fr)
MACHINE A DECOUPER LES CONTOURS

Publication
EP 0912302 B1 20000419 (DE)

Application
EP 97927137 A 19970605

Priority
• DE 29610945 U 19960624
• EP 9702916 W 19970605

Abstract (en)
[origin: WO9749530A1] The profile cutting machine has an endless circulating blade belt (22) running over cutter discs (30-34). To adjust the cutter (23) in the Y direction, the blade belt (22) has two merging loops (28, 36) where the loop (36) provides longitudinal equalisation. The blade belt (22) runs around the cutter disc (30) at the transition from the second loop (36) to the first (28) at a belt contact angle of some 270 DEG so that the same area of the blade belt (22) bears on all the cutter discs (30-34). The blade belt is always curved in one direction only. The useful life of the blade belt is lengthened owing to the avoidance of curvature changes.

IPC 1-7
B26D 1/46; **B26F 1/38**

IPC 8 full level
B26D 1/46 (2006.01); **B26F 1/38** (2006.01)

CPC (source: EP US)
B26D 1/46 (2013.01 - EP US); **Y10T 83/707** (2015.04 - EP US); **Y10T 83/7226** (2015.04 - EP US); **Y10T 83/7264** (2015.04 - EP US)

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