

Title (en)
APPARATUS FOR NOTCHING ASSEMBLED WEBS

Publication
EP 0192572 A3 19890308 (FR)

Application
EP 86400338 A 19860218

Priority
US 70358085 A 19850220

Abstract (en)
[origin: US4597521A] A rotary notcher is used in a continuous strip processing line for metallic strip to cut out side or edge portions of the joined strips in the welded area. When an arc welder is used, welding may be done only in the center area of the seam remote from where the notching occurs. The rotary notcher is activated in a time relationship with the welding process to notch along the joined seam. The notcher comprises two opposed housings along longitudinal edges of the strip for cantileverly supporting a cooperative pair of rotatable knife drums each having cooperative arcuate surfaces upon which an arcuate knife is mounted, and cooperative flat sections for allowing the strip to travel therebetween without hitting against the drums. The knife has a continuous gradual slope with a desired depth formed between the two extremes of the edge of the knife to effect a smooth continuous cut.

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B26D 3/14

IPC 8 full level
B21B 15/00 (2006.01); **B26D 3/14** (2006.01)

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B21B 15/0007 (2013.01 - EP US); **B26D 3/14** (2013.01 - EP US); **B21B 15/0085** (2013.01 - EP US); **Y10T 83/4682** (2015.04 - EP US); **Y10T 83/4705** (2015.04 - EP US); **Y10T 83/4801** (2015.04 - EP US); **Y10T 83/4836** (2015.04 - EP US)

Citation (search report)
• [Y] US 3570356 A 19710316 - WILLIAMS ARTHUR L, et al
• [Y] DE 3120406 A1 19830113 - IRLE KG MASCHINENFABRIK GEB [DE]
• [A] US 4072076 A 19780207 - MILES GEOFFREY ROBERT HENRY
• [A] DE 1244527 B 19670713 - DEMAG AG

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 4597521 A 19860701; CA 1253790 A 19890509; EP 0192572 A2 19860827; EP 0192572 A3 19890308

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