

Title (en)  
Rotary slotting device

Title (de)  
Rotationsschlitzzvorrichtung

Title (fr)  
Dispositif rotatif d'échancrage

Publication  
**EP 0752299 A1 19970108 (EN)**

Application  
**EP 96304903 A 19960703**

Priority  
GB 9513771 A 19950706

Abstract (en)  
A slotting device for a linear succession of moving sheets, being part of a creasing and slotting machine, with arcuate knives (10, 11) being mounted separately on a pair of rotating knife gears (9, 8) each driven independently about a common axis by a pair of gears (15, 14) rotatably mounted on a pair of driveshafts (17, 16) driven by computer-controlled motors. The knives may be accelerated and decelerated independently to assume instantaneous positions relative to each other and to a sheet to be cut, in order to determine the length and spacing of successive cuts. The knives may be mounted on a common axis as illustrated or on separate axes spaced apart along the line of travel of the sheets. <IMAGE>

IPC 1-7  
**B26D 7/26**; **B31B 1/22**

IPC 8 full level  
**B26D 3/14** (2006.01); **B26D 7/26** (2006.01); **B31B 50/22** (2017.01)

CPC (source: EP)  
**B26D 3/14** (2013.01); **B26D 7/2642** (2013.01); **B31B 50/20** (2017.07); **B31B 50/22** (2017.07); **B31B 50/254** (2017.07)

Citation (search report)  
• [XY] FR 2338135 A1 19770812 - SIMON CONTAINER MACH LTD [GB]  
• [Y] GB 1042985 A 19660921 - DERITEND ENG CO  
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CN108527486A; EP0955156A1; US6478725B1; US11318698B2; WO9958321A1; WO0002715A1; WO2018070928A1

Designated contracting state (EPC)  
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