

Title (en)
Rotary slotting device

Title (de)
Rotationsschlitzvorrichtung

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)
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• [Y] GB 1042985 A 19660921 - DERITEND ENG CO
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Designated contracting state (EPC)
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