

Title (en)
Cutting rule

Title (de)
Stanzmesser

Title (fr)
Outil d'estampage

Publication
EP 0715933 B1 19990616 (DE)

Application
EP 95117933 A 19951114

Priority
DE 4443613 A 19941207

Abstract (en)
[origin: US5967015A] The punching blades acts to punch out parts of any desired shape from paper, cardboard, pasteboard, plastics material foils, leather, rubber and the like. In order that an optimum cutting quality can be generated from the start using the punching blade, the punching blade has a cutting edge which comprises a curvature with a radius of from 0.005 to 0.060 mm.

IPC 1-7
B26F 1/44

IPC 8 full level
B26D 1/06 (2006.01); **B26D 1/00** (2006.01); **B26F 1/44** (2006.01); **B31B 50/14** (2017.01); **B31B 50/83** (2017.01)

CPC (source: EP US)
B26D 1/0006 (2013.01 - EP US); **B26F 1/44** (2013.01 - EP US); **B26D 2001/0053** (2013.01 - EP US); **B26D 2001/0086** (2013.01 - EP US); **B26F 1/384** (2013.01 - EP US); **B26F 1/40** (2013.01 - EP US); **B26F 2001/4472** (2013.01 - EP US); **Y10T 83/9423** (2015.04 - EP US); **Y10T 83/9428** (2015.04 - EP US); **Y10T 83/9454** (2015.04 - EP US)

Cited by
EP1110685A1; DE102010061991B4; DE102011014858A1; US7909902B2

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
US 5967015 A 19991019; AT E181274 T1 19990715; CN 1129631 A 19960828; CZ 322095 A3 19960612; DE 4443613 C1 19960425; DE 59506228 D1 19990722; EP 0715933 A1 19960612; EP 0715933 B1 19990616; JP H08216098 A 19960827

DOCDB simple family (application)
US 92140397 A 19970829; AT 95117933 T 19951114; CN 95117597 A 19951207; CZ 322095 A 19951205; DE 4443613 A 19941207; DE 59506228 T 19951114; EP 95117933 A 19951114; JP 31940795 A 19951207