

Title (en)

Method and apparatus for forming scored lines on sheet material.

Title (de)

Vorrichtung und Verfahren zum Einkerben von Blättern.

Title (fr)

Dispositif et méthode pour entailler des feuilles.

Publication

**EP 0403089 A2 19901219 (EN)**

Application

**EP 90305527 A 19900522**

Priority

- GB 8913564 A 19890613
- GB 8922361 A 19891004

Abstract (en)

A method of forming a scored line (31) on a sheet (30) of scorable material comprising the step of passing the sheet (30) through the nip of a pair of contra-rotating rolls (5, 20), characterised in that one of the rolls (5, 20) has a hard surface and the other of the rolls (5, 20) has a resilient surface (11) and in that one of the rolls (5, 20) has at least one scoring element (17) extending over its surface.

IPC 1-7

**B26D 3/08**

IPC 8 full level

**B26D 3/08** (2006.01); **B31F 1/10** (2006.01)

CPC (source: EP)

**B26D 3/085** (2013.01); **B31F 1/10** (2013.01)

Cited by

CN114643389A; CN104816968A; EP0661142A3; NL2006011A; US7691044B2; US9139321B2; WO2011090373A1; WO0102143A1; WO2006056580A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0403089 A2 19901219**; **EP 0403089 A3 19911023**; **EP 0403089 B1 19950215**; AT E118394 T1 19950315; AU 5510290 A 19901220; AU 627305 B2 19920820; DE 69016843 D1 19950323; DE 69016843 T2 19950608; ES 2068338 T3 19950416; FI 902916 A0 19900611; GR 3015067 T3 19950531; IN 177316 B 19961228; NZ 233960 A 19920326

DOCDB simple family (application)

**EP 90305527 A 19900522**; AT 90305527 T 19900522; AU 5510290 A 19900517; DE 69016843 T 19900522; ES 90305527 T 19900522; FI 902916 A 19900611; GR 940403919 T 19950216; IN 486DE1990 A 19900518; NZ 23396090 A 19900606