

Title (en)

SYSTEM AND METHOD FOR MAKING BRACES FOR DIES

Title (de)

SYSTEM UND VERFAHREN ZUR HERSTELLUNG VON KLAMMERN FÜR GESENKE

Title (fr)

SYSTEME ET PROCEDE DE FABRICATION D'ENTRETOISES POUR EMPREINTES

Publication

EP 1670614 A4 20110817 (EN)

Application

EP 04789718 A 20041008

Priority

- CA 2004001809 W 20041008
- US 50986703 P 20031010
- US 50986803 P 20031010
- CA 2470029 A 20040604

Abstract (en)

[origin: WO2005035181A1] A system and method for producing braces for a cavity die having a predetermined shape are disclosed. The system includes an input file containing information about the shape of the cavity die and a bracing program running on a computer. The bracing program produces an output file based on the input file and brace parameters. The output file includes information about the design of the braces. The computer instructs a brace-making machine to produce the braces based on the information in the output file. The method includes the steps of: a) providing input information about the shape of the cavity die and the brace parameters to the computer; b) processing the input information by the computer to produce an output file containing information about the design of the braces; and c) producing the braces in accordance with the information from the output file.

IPC 8 full level

B23P 15/24 (2006.01); **B21D 37/20** (2006.01); **B23P 15/40** (2006.01); **B26F 1/44** (2006.01); **G05B 19/04** (2006.01)

CPC (source: EP)

B23P 15/406 (2013.01); **B26F 1/44** (2013.01); **B26F 2001/4463** (2013.01)

Citation (search report)

- [XYI] EP 0088576 A2 19830914 - PA CONSULTING SERVICES [GB]
- [X] EP 0664189 A1 19950726 - IOWA PRECISION IND INC [US]
- [XY] US 2002151420 A1 20021017 - SCOTT WILLIAM B [US], et al
- [Y] GB 1093181 A 19671129 - STAFFORD TOOL & DIE CO LTD
- [X] US 4103580 A 19780801 - SAUER LOUIS E, et al
- [Y] US 2003125825 A1 20030703 - LIU SHENGMING [US]
- See references of WO 2005035181A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005035181 A1 20050421; EP 1670614 A1 20060621; EP 1670614 A4 20110817

DOCDB simple family (application)

CA 2004001809 W 20041008; EP 04789718 A 20041008