

Title (en)
DIE

Title (de)
MATRIZE

Title (fr)
MATRICE

Publication
EP 3501682 B1 20210120 (EN)

Application
EP 18171769 A 20180511

Priority
CN 201711391625 A 20171221

Abstract (en)
[origin: EP3501682A1] The present invention relates to a die, said die comprising an upper die that is movable and a lower die that is held stationary, said upper die being provided with a pressure plate (4) for stamping a workpiece, and said lower die being provided with a forming die (11) for supporting said workpiece, characterized in that a cushioning element (6) is arranged at least in a blank pressing region of said pressure plate (4) for tightly pressing the workpiece located on the forming die (11), and said cushioning element is made of polyurethane.

IPC 8 full level
B21D 22/06 (2006.01); **B21D 19/10** (2006.01); **B21D 22/10** (2006.01); **B21D 24/16** (2006.01)

CPC (source: EP)
B21D 19/10 (2013.01); **B21D 22/06** (2013.01); **B21D 22/10** (2013.01); **B21D 24/16** (2013.01)

Cited by
CN112775255A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3501682 A1 20190626; EP 3501682 B1 20210120; CN 109940093 A 20190628

DOCDB simple family (application)
EP 18171769 A 20180511; CN 201711391625 A 20171221