

Title (en)

PUNCH TOOL AND METHOD OF WORKING A PUNCH TOOL

Title (de)

STANZWERKZEUG UND VERFAHREN ZUR HERSTELLUNG EINES STANZWERKZEUGS

Title (fr)

OUTIL DE POINÇONNAGE ET PROCÉDÉ DE TRAVAIL D'UN OUTIL DE POINÇONNAGE

Publication

EP 3756843 A1 20201230 (EN)

Application

EP 19183447 A 20190628

Priority

EP 19183447 A 20190628

Abstract (en)

A punch tool for producing an element by punching from a medium comprising a punch shaft and a perforation member.

IPC 8 full level

B26F 1/46 (2006.01)

CPC (source: EP)

B26F 1/14 (2013.01); **B26F 1/24** (2013.01)

Citation (applicant)

- WO 03008159 A1 20030130 - SAINT GOBAIN ISOVER AS [DK], et al
- US 4836070 A 19890606 - SPANO JOHN D [US], et al
- US 2016079585 A1 20160317 - MAYRL-SADA FERNANDO [MX]

Citation (search report)

- [X] GB 191112492 A 19120509 - SUMMERLEY MAURICE
- [X] US 2010083803 A1 20100408 - SANDERSON RONALD MALCOLM BOND [NZ]
- [X] US 2002166425 A1 20021114 - TAKEUCHI YUKIHISA [JP], et al
- [XD] WO 03008159 A1 20030130 - SAINT GOBAIN ISOVER AS [DK], et al

Cited by

CN114454259A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3756843 A1 20201230

DOCDB simple family (application)

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