

Title (en)

METHOD FOR THE MANUFACTURING HOLES WITH A COUNTERSINK IN A PLATE-LIKE MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ANGESENKTEN LÖCHERN IN EINEM PLATTENFÖRMIGEN MATERIAL

Title (fr)

PROCÉDÉ À REALISER DES TROUS CHANFREINÉS DANS UN MATÉRIAU EN FORME DE PLAQUE

Publication

EP 2923778 A3 20160316 (DE)

Application

EP 15160455 A 20150324

Priority

DE 102014103975 A 20140324

IPC 8 full level

B21D 22/04 (2006.01); **B21D 28/24** (2006.01); **B21D 28/26** (2006.01); **B21D 28/34** (2006.01)

CPC (source: EP)

B21D 22/04 (2013.01); **B21D 28/24** (2013.01); **B21D 28/26** (2013.01); **B21D 28/34** (2013.01)

Citation (search report)

- [XDAI] AT 4432 U1 20010725 - HYDRO ALUMINIUM KOMPONENTEN GM [AT]
- [XA] FR 2870145 A1 20051118 - FERCO INT USINE FERRURES [FR]
- [XA] EP 2532452 A1 20121212 - TRUMPF WERKZEUGMASCHINEN GMBH [DE]
- [AD] EP 0879656 A1 19981125 - FERCO INT USINE FERRURES [FR]

Cited by

CN118002691A

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 2923778 A2 20150930; EP 2923778 A3 20160316; DE 102014103975 A1 20150924; DE 102014103975 B4 20181220

DOCDB simple family (application)

EP 15160455 A 20150324; DE 102014103975 A 20140324