

Title (en)

DRAWING DIE WITH ASSOCIATED NIB HOLDER

Title (de)

ZIEHMATRIZE MIT ZUGEHÖRIGEM SPITZENHALTER

Title (fr)

FILIÈRE D'ÉTIRAGE POURVUE DE DISPOSITIF DE SUPPORT DE PLAQUETTE DE FILIÈRE ASSOCIÉ

Publication

EP 3849722 A1 20210721 (EN)

Application

EP 19762819 A 20190909

Priority

- EP 18193620 A 20180911
- EP 2019073947 W 20190909

Abstract (en)

[origin: WO2020053127A1] The invention relates to a drawing die and the associated nib holder. The nib holder is construed such that at least 20% of the nib mantle surface remains exposed to the coolant during drawing in a limited number e.g. two, three up to twelve disjoint areas. In this way a sufficient cooling of the nib is guaranteed. The nib holder comprises a base plate with protruding clamps that hold the nib. The nib holder is made of a single piece of material. An associated method to insert the nib into the nib holder is also described.

IPC 8 full level

B21C 3/02 (2006.01); **B21C 3/04** (2006.01); **B21C 3/12** (2006.01); **B21C 3/14** (2006.01)

CPC (source: EP)

B21C 3/02 (2013.01); **B21C 3/04** (2013.01); **B21C 3/12** (2013.01); **B21C 3/14** (2013.01)

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)

WO 2020053127 A1 20200319; CN 112672834 A 20210416; CN 112672834 B 20240308; EP 3849722 A1 20210721; EP 3849722 B1 20230726; ES 2960556 T3 20240305

DOCDB simple family (application)

EP 2019073947 W 20190909; CN 201980059670 A 20190909; EP 19762819 A 20190909; ES 19762819 T 20190909