

Title (en)

WRITING NIB FOR AN INK PEN AND PROCESS FOR ITS MANUFACTURE

Publication

EP 0104319 A3 19860716 (DE)

Application

EP 83105792 A 19830613

Priority

DE 3231976 A 19820827

Abstract (en)

[origin: EP0104319A2] The writing tubes and/or cleaning wires for the writing nib of fountain pens, which consist of a basic body made of nickel chromium steel, are provided with an outer, wear-resistant surface layer using a boride treatment method. The formation of the boride takes place by a powder/gas phase/diffusion method using dried boride powder or granules, in which method oxygen is prevented from entering before, during and after the treatment. The treatment can take place under inert gas or normal atmospheric conditions.

IPC 1-7

B43K 1/10; **B43K 15/00**

IPC 8 full level

B43K 1/06 (2006.01); **B43K 1/10** (2006.01); **C23C 8/02** (2006.01); **C23C 8/70** (2006.01)

CPC (source: EP)

B43K 1/10 (2013.01); **C23C 8/02** (2013.01); **C23C 8/70** (2013.01)

Citation (search report)

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- [A] FR 1467031 A 19670127 - RIEPE WERK
- [A] US 4150905 A 19790424 - GONNELLA SEBASTIAN [US], et al
- [A] DE 2361017 A1 19750605 - VAC HYD PROCESSING GMBH
- [Y] H[RTEREI TECHNISCHE MITTEILUNGEN, Band 29, Nr. 2, Juni 1974, Seiten 113-119, M}nchen, DE; W. FICHTL: "]ber neue Erkenntnisse auf dem Gebiet des Oberfl{chenborierens"

Designated contracting state (EPC)

CH FR GB IT LI NL SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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