

Title (en)

SHAFT TUBE OF WRITING IMPLEMENT HAVING HOLDING AUXILIARY DEVICE

Title (de)

SCHAFTROHR FÜR SCHREIBGERÄT MIT ZUSÄTZLICHER HALTEVORRICHTUNG

Title (fr)

TUBE-TIGE D ACCESSOIRE D ECRITURE AYANT UN DISPOSITIF AUXILIAIRE DE SUPPORT

Publication

EP 1894742 A4 20091202 (EN)

Application

EP 06745627 A 20060424

Priority

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- JP 2005128737 A 20050426
- JP 2005314185 A 20051028
- JP 2005346100 A 20051130

Abstract (en)

[origin: EP1894742A1] The invention is to provide a shaft cylinder of a writing tool permitting stable support of the writing tool without being affected by the way in which the user grips it or by his or her gripping force, making it possible to achieve a sufficient writing load with a relatively small gripping force and superiority in portability and handling ease. To address this requirement, the shaft cylinder of a writing tool according to the invention is characterized in that an inter-finger contact lever is formed in the intermediate part of the shaft cylinder in the lengthwise direction and a grip is disposed ahead of the inter-finger contact lever, the shaft cylinder of a writing tool having an aid formed by arranging the inter-finger contact lever to be accommodable into the shaft cylinder.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] GB 283770 A 19280119 - PATRICK THOMAS CREMER
- [A] JP H05177979 A 19930720 - NAKAMURA TAZUYO, et al
- [A] US 2004009027 A1 20040115 - GADBERRY LAURA J [US]
- See references of WO 2006118075A1

Cited by

US9889702B2

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DE FR GB IT

DOCDB simple family (publication)

EP 1894742 A1 20080305; **EP 1894742 A4 20091202**; CN 101166634 A 20080423; CN 101166634 B 20121114; JP 4894755 B2 20120314; JP WO2006118075 A1 20081218; KR 20080000591 A 20080102; TW 200711878 A 20070401; WO 2006118075 A1 20061109

DOCDB simple family (application)

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