

Title (en)
FILLING AN INK PEN

Title (de)
BEFÜLLEN EINES TINTENSTIFTES

Title (fr)
REMPLEISSAGE D'UN CRAYON À ENCRE

Publication
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Application
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Abstract (en)
[origin: US2009071564A1] In one embodiment, a method for filling an ink pen having an ink holding chamber and an outlet from the chamber includes: covering the outlet with a first more dense ink holding material; adding ink to the first material; priming the pen; and adding a second less dense ink soaked ink holding material to the chamber.

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Citation (search report)
• [X] US 6338552 B1 20020115 - SATO OSAMU [JP], et al
• [X] US 2003067519 A1 20030410 - HAYASHI HIROKI [JP], et al
• [X] US 6015210 A 20000118 - KANEMATSU DAIGORO [JP], et al
• [X] US 6332675 B1 20011225 - KOITABASHI NORIBUMI [JP], et al

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