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KOREAN PATENT ABSTRACTS

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(71)Applicant: KOREA INSTITUTE OF INDUSTRIAL TECHNOLOGY

(72)Inventor: KANG, JEONG JIN
HEO, YOUNG MOO
LIWEI LIN
FIRAS SAMMOURA

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(54) MICRO-NEEDLE WHICH HAS PROPER SHAPE FOR INJECTION MOLD AND SO MASS-PRODUCED BY MEANS OF INJECTION MOLD

(57) Abstract:

PURPOSE: A micro-needle having a proper shape for an injection mold is provided to allow the mass-production using an injection mold so as to reduce the production cost and to achieve the production in commercial quantity. CONSTITUTION: The micro-needle having a proper shape for an injection mold comprises: a body(110), having a block shape; a chamber(120), formed in such a manner that it has a determined depth from an upper surface of the body(110), so as to provide a space for storing medicinal water or collected body fluids; a needle member(130), extended from a one side of the body(110) in parallel to the latter, and having a sharp end to be injected into a human body; a channel(140), formed in such a manner that it has a determined depth from an upper surface of the needle member(130), and that its one end is connected to the chamber(120) and its the other end is elongated toward a lateral side of the needle member(130) so as to build up a passage for the medicinal water or body fluids; and a cover (150), attached to an upper part of the body(110) so as to cover the chamber(120).

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