

Title (en)

INTEGRATED MICROFLUIDIC SPERM ISOLATION AND INSEMINATION DEVICE

Title (de)

INTEGRIERTES MIKROFLUID- GERÄT ZUR SPERMAISOLATION UND INSEMINATION

Title (fr)

DISPOSITIF MICROFLUIDIQUE INTEGRE D'ISOLATION DE SPERME ET D'INSEMINATION

Publication

EP 1641411 A1 20060405 (EN)

Application

EP 04754440 A 20040607

Priority

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Abstract (en)

[origin: WO2004108011A1] An integrated microfluidic sperm isolation and oocyte insemination device provides the opportunity to perform in vitro insemination with motilityenhanced sperm samples and with minimal manipulation of fragile oocytes. Sperm sorting is performed in a common sort channel wherein more mobile sperm swim across the interface between co-laminar flows of semen and media fluid.

IPC 1-7

A61D 19/02; **C12N 5/06**; **A61B 17/43**; **B01L 3/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2004108011A1

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