

Title (en)
NEEDLE AND DEVICE FOR SOLID PHASE MICRO EXTRACTION

Title (de)
NADEL UND VORRICHTUNG FÜR FESTPHASEN-MIKROEXTRAKTION

Title (fr)
AIGUILLE ET DISPOSITIF POUR MICRO-EXTRACTION EN PHASE SOLIDE

Publication
EP 2104856 A1 20090930 (FR)

Application
EP 07859470 A 20071220

Priority

- IB 2007055246 W 20071220
- EP 06127003 A 20061222
- EP 07859470 A 20071220

Abstract (en)
[origin: EP1936384A1] The needle (1) has a closed tip, and lateral holes arranged in a zone that is situated from an adsorbent material (2) e.g. quartz wool, towards a direction of the closed tip. The material is constituted by a set of non connected particles, where the diameter of the holes is dimensioned so as to retain the particles in the needle. A retaining unit e.g. baffle, retains the material at the proximal side of the needle. A groove is arranged toward the tip. An independent claim is also included for a method for fabricating a hollow needle.

IPC 8 full level
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Citation (search report)
See references of WO 2008078292A1

Citation (examination)

- US 2003021733 A1 20030130 - ANDRESEN BRIAN D [US], et al
- US 5691206 A 19971125 - PAWLISZYN JANUSZ B [CA]

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