

Title (en)

DEVICE AND METHOD FOR RECOVERING MAGNETIC PARTICLES TRAPPED ON A MAGNETIC PLUG

Title (de)

VERFAHREN UND VORRICHTUNG ZUR RÜCKGEWINNUNG VON AUF EINEM MAGNETSTOPFEN GEFANGENEN MAGNETISCHEN PARTIKELN

Title (fr)

DISPOSITIF ET PROCEDE DE RECUPERATION DE PARTICULES MAGNETIQUES PIEGEES SUR UN BOUCHON MAGNETIQUE

Publication

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Application

**EP 11715956 A 20110321**

Priority

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Abstract (en)

[origin: WO2011121207A1] The invention relates to a device (100) for recovering magnetic particles (20) trapped on a magnetic plug (1), said magnetic plug (1) having a bar magnet (3) intended to retain the magnetic particles (20) entrained by a liquid in which said magnetic plug (1) is immersed. The device (100) comprises a cap (4) comprising a non-magnetic tube (6) having a proximal end provided with an opening for the insertion of the bar magnet (3) into the tube (6) and a closed distal end, the tube (6) being capable of covering the bar magnet (3) when the bar magnet (3) is inserted into the tube (6). The device (100) further includes means capable of ensuring retention between the cap (4) and the bar magnet (3) when the bar magnet (3) is inserted into the tube (6), extraction means (5) provided with an opening capable of ensuring insertion of the tube (6) into the extraction means (5), the extraction means (5) being capable of covering the tube (6) when the tube (6) is inserted into the extraction means (5) and of receiving the particles (20) trapped on the tube (6) when the bar magnet (3) is withdrawn from the tube (6), and means capable of ensuring retention between the extraction means (5) and the tube (6).

IPC 8 full level

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Citation (opposition)

Opponent :

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DOCDB simple family (publication)

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