

Title (en)

A WIRE SCREEN FOR A WELL AND METHOD FOR MAKING IT

Title (de)

DRAHTGITTER FÜR EIN BOHRLOCH UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

TUBE FILTRE POUR PUITS ET SON PROCÉDÉ DE FABRICATION

Publication

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Application

EP 10763418 A 20100611

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Abstract (en)

[origin: WO2010143060A1] A screen structure (23) for a well casing comprises a plurality of parallel slats (40) integral to each other, arranged to define a tubular body (50). In particular, the slats (40) are spaced from each other such that the tubular body (50) exposes a plurality of longitudinal slit passageways (41) for a fluid. Each slit is defined between two adjacent slats (40). This way, the slats (40) provide a plurality of solid portions spaced by respective void portions, i.e. by respective longitudinal slits (41), such that, in use, the void portions are arranged in a substantially vertical direction, i.e. they are arranged parallel to a longitudinal axis (51) of the tubular body. In particular, the slats (40) are blades of a predetermined size, said blades tapered along a direction that extends from outside to inside the tubular body (50), in case of extraction wells, or according to an opposite direction, in case of a reinjection well. The diverging cross section and the vertical arrangement of the slits makes it possible to minimize fluid pressure drop.

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