

Title (en)
MULTIPLE PIEZOMETER AND APPLICATION OF SUCH A PIEZOMETER

Publication
EP 0167610 B1 19881228 (FR)

Application
EP 85900677 A 19850104

Priority
FR 8400067 A 19840104

Abstract (en)
[origin: FR2557629A1] The piezometer intended to be introduced into a drilling hole (3) comprises on one hand rigid measuring rings (b1, b2 ...) intended to be arranged at predetermined distances along the axial direction of the hole, the outer diameter of said measurement ring being smaller than the diameter of the drilling hole, and inflatable sealing means (l) connected to the measurement rings and adapted to be applied against the wall (4) of the drilling hole (3) and to determine, in combination with the rings a plurality of annular measuring areas (m1, m2 ... mn) at said rings, said measurement areas being limited in the outer radial direction by the wall (4) of the drilling hole, said areas being further isolated from the internal volume of the hole and separated between each other, and, on the other hand, measuring means (12) provided to measure the pressure within said annular areas, those measuring means being connected to the surface by lines (14) or the like, and supply means (25, 18, 15) for supplying a pressure fluid, which supply means are connected to the sealing means to provide for the inflation of the latter.

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