

Title (en)

Test bench for pumping units and relative method

Title (de)

Testbank zum Pumpen von Einheiten und zugehöriges Verfahren

Title (fr)

Plan de travail de test pour unités de pompage et procédé associé

Publication

EP 2136078 A1 20091223 (EN)

Application

EP 09163219 A 20090619

Priority

IT UD20080144 A 20080620

Abstract (en)

Test bench for a pumping unit (11), able to pump concrete or other similar materials. The test bench comprises support elements (20a, 20b), able to support the pumping unit (11), and a tank (26) containing a fluid, from which the pumping unit (11) is able to take the fluid in order to convey it in correspondence with pipes defining a circuit (27) associated with the pumping unit (11) and with the tank (26). The circuit (27) is provided with valve elements (28) able to be adjusted so as to vary the pressure of the fluid circulating so as to evaluate the functionality and resistance of the pumping unit (11) as the pressure varies, the whole being controlled by command and control members (33) also able to control and command the functionality of the elements that make up the test bench.

IPC 8 full level

F04B 15/02 (2006.01); **F04B 51/00** (2006.01)

CPC (source: EP)

F04B 15/02 (2013.01); **F04B 51/00** (2013.01)

Citation (search report)

- [XY] GB 2339859 A 20000209 - TRUNINGER ROLF [CH]
- [Y] GB 1230191 A 19710428
- [Y] US 4486156 A 19841204 - FEGER HERBERT [DE], et al

Cited by

CN108869033A; CN103556829A; CN107795475A; EP2338855A1; US9528513B2; WO2016024950A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2136078 A1 20091223; **EP 2136078 B1 20171227**; IT UD20080144 A1 20091221

DOCDB simple family (application)

EP 09163219 A 20090619; IT UD20080144 A 20080620