

Title (en)

A PLANT FOR CONTROLLING DELIVERY OF PRESSURIZED FLUID IN A CONDUIT, AND A METHOD OF CONTROLLING A PRIME MOVER

Title (de)

ANLAGE ZUR STEUERUNG DER FÖRDERUNG EINER UNTER DRUCK STEHENDEN FLÜSSIGKEIT IN EINEM ROHR, UND EIN VERFAHREN ZUR STEUERUNG EINER ANTRIEBSMASCHINE

Title (fr)

APPAREIL POUR CONTRÔLER LE POMPAGE DE FLUIDE SOUS PRESSION DANS UN CONDUIT, ET UNE MÉTHODE DE COMMANDE D'UN MOTEUR

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Application

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Priority

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Abstract (en)

[origin: WO2018101837A1] A plant for delivering a fluid in a conduit (10) comprises a prime mover (2), for example a gas turbine, which is configured to drive one or more fluid delivery systems (34a-c, 35a1-c1, 35a2-c2) for delivering a fluid in the conduit (10). First sensing means (16) are configured for sensing pressure variations in the pipe (10) and is connected to a first controller (7). The first controller (7) is configured to provide control signals to control valves (36a-c, 37a-c) for at least one fluid delivery system and to a control system (4, 3) for the prime mover (2). One or more hydraulic pumps (9a-c) are configured to operate said fluid delivery systems and are driven by the prime mover, whereby the interaction between the hydraulic pumps and the prime mover is controlled based on sensed pressure in the pipe (10).

IPC 8 full level

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