

Title (en)
REMOTE MONITORING SYSTEM OF UNIAXIAL ECCENTRIC SCREW PUMP

Title (de)
FERNÜBERWACHUNGSSYSTEM FÜR EINACHSIGE EXZENTERSCHNECKENPUMPE

Title (fr)
SYSTÈME DE CONTRÔLE À DISTANCE DE POMPE À VIS EXCENTRIQUE UNIAXIALE

Publication
EP 2781749 A1 20140924 (EN)

Application
EP 12841195 A 20121016

Priority
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• JP 2012076661 W 20121016

Abstract (en)
In order to enable monitoring of operating conditions of a plurality of uniaxial eccentric screw pumps with monitoring means installed in a remote site, a remote monitoring system (1) is capable of sending and receiving operating condition detection information items in a communication network (N) established by wireless intercommunication means (10) provided in the uniaxial eccentric screw pumps (100). Further, the operating condition detection information items aggregated to a coordinator (10a) can be sent to the Internet via Internet connection means (30). By this means, a state is achieved in which the operating conditions of the uniaxial eccentric screw pumps (100) can be monitored by monitoring means (50) connected to the Internet.

IPC 8 full level
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CPC (source: EP US)
F04B 51/00 (2013.01 - EP US); **F04C 2/082** (2013.01 - US); **F04C 2/107** (2013.01 - EP US); **F04C 14/28** (2013.01 - EP US); **F04C 2230/80** (2013.01 - EP US); **F04C 2270/80** (2013.01 - EP US); **F04C 2270/86** (2013.01 - EP US); **F04C 2270/90** (2013.01 - EP US)

Citation (search report)
See references of WO 2013058225A1

Cited by
EP3376034A1; EP3382483A4; WO2022048997A1; EP3096021B1

Designated contracting state (EPC)
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