

Title (en)  
PROCESS ANALYZER

Title (de)  
PROZESSANALYSEGERÄT

Title (fr)  
APPAREIL D'ANALYSE DE PROCESSUS

Publication  
**EP 2470889 A1 20120704 (DE)**

Application  
**EP 10712434 A 20100401**

Priority  
• EP 09168536 A 20090825  
• EP 2010054402 W 20100401  
• EP 10712434 A 20100401

Abstract (en)  
[origin: EP2290354A1] The process-analysis device (10) has a base module (14) and a convertible cartridge module (12), where the base module has a pumping drive (16) and an analysis sensor (20) without fluid-measuring section (60). The cartridge module has a fluid-reservoir (40,41). The fluid-measuring section is connected with an analyzer.

IPC 8 full level  
**B01L 3/00** (2006.01); **F04B 19/00** (2006.01); **F04B 43/04** (2006.01); **F04B 43/073** (2006.01); **F04B 43/14** (2006.01); **G01N 21/85** (2006.01); **G01N 33/18** (2006.01)

CPC (source: EP US)  
**B01L 3/502715** (2013.01 - EP US); **B01L 3/50273** (2013.01 - EP US); **F04B 43/082** (2013.01 - EP US); **F04B 43/12** (2013.01 - EP US); **G01N 21/11** (2013.01 - EP US); **G01N 21/8507** (2013.01 - EP US); **G01N 35/1095** (2013.01 - EP US); **B01L 2200/10** (2013.01 - EP US); **B01L 2300/0627** (2013.01 - EP US); **B01L 2400/0481** (2013.01 - EP US); **G01N 21/05** (2013.01 - EP US); **G01N 21/645** (2013.01 - EP US); **G01N 21/78** (2013.01 - EP US); **G01N 33/18** (2013.01 - EP US); **G01N 2001/4016** (2013.01 - EP US); **G01N 2021/0321** (2013.01 - EP US); **G01N 2021/0325** (2013.01 - EP US); **G01N 2021/0346** (2013.01 - EP US); **G01N 2021/054** (2013.01 - EP US); **G01N 2021/8411** (2013.01 - EP US); **G01N 2201/0218** (2013.01 - EP US); **G01N 2201/024** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011023421A1

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**EP 2290354 A1 20110302**; **EP 2290354 B1 20190724**; BR 112012003972 A2 20190924; BR 112012004162 A2 20160329; CA 2770238 A1 20110303; CA 2770434 A1 20110303; CA 2771923 A1 20110331; CN 102549408 A 20120704; CN 102549408 B 20150318; CN 102597748 A 20120718; CN 102597748 B 20160113; CN 102597749 A 20120718; EP 2470883 A1 20120704; EP 2470883 B1 20190102; EP 2470888 A1 20120704; EP 2470888 B1 20181010; EP 2470889 A1 20120704; EP 3572801 A1 20191127; US 2012167673 A1 20120705; US 2012195799 A1 20120802; US 2012198921 A1 20120809; US 8881580 B2 20141111; WO 2011023420 A1 20110303; WO 2011023421 A1 20110303; WO 2011035959 A1 20110331

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**EP 09168536 A 20090825**; BR 112012003972 A 20100401; BR 112012004162 A 20100331; CA 2770238 A 20100331; CA 2770434 A 20100401; CA 2771923 A 20100728; CN 201080037889 A 20100728; CN 201080048011 A 20100331; CN 201080048201 A 20100401; EP 10711902 A 20100331; EP 10712434 A 20100401; EP 10739581 A 20100728; EP 19181326 A 20090825; EP 2010054333 W 20100331; EP 2010054402 W 20100401; EP 2010060947 W 20100728; US 201013392095 A 20100331; US 201013392097 A 20100401; US 201013392098 A 20100728