

Title (en)  
PULSE-FIELD MULTIPLEX CAPILLARY ELECTROPHORESIS SYSTEM

Title (de)  
PULSFELD-MULTIPLEX-KAPILLARELEKTROPHORESESYSTEM

Title (fr)  
SYSTÈME D'ÉLECTROPHORÈSE CAPILLAIRE MULTIPLEX EN CHAMP PULSÉ

Publication  
**EP 3417281 A4 20190828 (EN)**

Application  
**EP 17733954 A 20170201**

Priority  
• US 201514984039 A 20151230  
• US 2017015978 W 20170201

Abstract (en)  
[origin: WO2017117616A1] The invention is a multiplex, pulsed-field capillary electrophoresis instrument with the ability to analyze DNA fragments with sizes greater than 50,000 bp, greater than 100,000 bp and even greater than 150,000 base pairs. The parallel capillary electrophoresis system allows for the simultaneous analysis of at least 12 samples while applying a pulse or varying electric field for separation.

IPC 8 full level  
**G01N 27/447** (2006.01)

CPC (source: EP)  
**G01N 27/44713** (2013.01)

Citation (search report)  
• [X] US 2016109406 A1 20160421 - BOEKE BRUCE R [US], et al  
• See references of WO 2017117616A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2017117616 A1 20170706**; EP 3417281 A1 20181226; EP 3417281 A4 20190828

DOCDB simple family (application)  
**US 2017015978 W 20170201**; EP 17733954 A 20170201