

Title (en)
AUTOMATIC CONCRETE PUMP

Title (de)
AUTOBETONPUMPE

Title (fr)
POMPE À BÉTON AUTOMATIQUE

Publication
EP 3656947 B1 20230104 (DE)

Application
EP 19207419 A 20191106

Priority
DE 102018129799 A 20181126

IPC 8 full level
E04G 21/04 (2006.01)

CPC (source: EP)
E04G 21/0436 (2013.01); **E04G 21/0445** (2013.01)

Citation (opposition)
Opponent : Putzmeister Engineering GmbH

- CN 105275210 A 20160127 - ZOOMLION HEAVY IND SCI & TECH
- CN 201424817 Y 20100317 - XUZHOU HEAVY MACHINERY CO LTD
- EP 3140474 B1 20180314 - PUTZMEISTER ENGINEERING GMBH [DE]
- DE 102010009177 A1 20110825 - ELBA WERK MASCHINEN GMBH & CO [DE]
- DE 102012213727 A1 20140206 - PUTZMEISTER ENGINEERING GMBH [DE]
- US 2012138760 A1 20120607 - GEPHART JOEL A [US], et al
- WO 03098090 A1 20031127 - ABA SWEDEN AB [SE], et al

Cited by
EP4092221A1; WO2022128326A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3656947 A1 20200527; EP 3656947 B1 20230104; DE 102018129799 A1 20200528; ES 2941917 T3 20230526

DOCDB simple family (application)
EP 19207419 A 20191106; DE 102018129799 A 20181126; ES 19207419 T 20191106