202100224	1	2020-05-14	2021-12-03	ZL20201040 5631.7	’ , ,
202100062	1	2018-07-20	2021-03-05	ZL20181080 5369.8	Fe3+ TiO2/SiO2 1 2 3 Fe3+ Ti4+ Fe3+ Ti4+=1:10~40 30 min Fe3+ Fe3+ , , 4 3 Fe3+ SiO2/TiO2 Fe3+ TiO2/SiO2
20200042	1	2016-11-21	2020-05-22	ZL20161103 9645.1	“ V ” ’ , ,
20190040	1	2016-02-25	2019-04-02	ZL20161010 3609.0	

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20180262		1		2015-04-29	2019-01-15		ZL201510209759.5	‘ U ’		,
20180241		1		2015-08-05	2017-05-24		ZL201510472039.8	2-7 3 0.7-1.0g/cm3 2-5mm 8 16 0.3 1500MHz		, , , , , , ,
20180239		1		2015-08-05	2017-05-24		ZL201510471670.6	2-7 3 0.7-1.0g/cm3 1-4mm 8 16 0.3 1500MHz 61dB		, , , , , , ,

20180119		1		2016-11-21	2018-08-28		ZL201611039648.5			， ， ，
20180103		1		2015-11-18	2018-06-15		ZL201510797121.8	4.5kg 205-210kg 1m³ 1200kg 4.0-2.0-3.0kg		， ，
20180045		1		2016-10-17	2018-05-04		ZL201610909551.9	Y	Y	， ， ，
20170489		1		2015-10-27	2017-10-20		ZL201510708317.5	HNO3 20~60min		， ，

20170488		1		2014-12-19	2017-11-17		ZL201410796159.9	‘ L ’		， ，
20170326		1		2016-11-21	2017-07-14		ZL201621246700.X	“ V ”		’ ，　　，
20170324		1		2015-08-10	2017-10-13		ZL201510485492.2	4-6:3-5:2-4		，
20170323		1		2014-12-02	2017-10-10		ZL201410722452.0			’ ，

20170280		1		2014-11-20	2017-02-22		ZL20141066 7267.6	—— I		
20170128		1		2016-11-21	2017-05-31		ZL20162124 6740.4			
20170127		1		2016-11-21	2017-05-31		ZL20162124 6710.3			
20170101		1		2016-10-17	2017-05-10		ZL20162112 7809.1			

					T	
20170100	1	2016-10-17	2017-05-10	ZL20162112 7914.5		T
					Y	
20170099	1	2016-10-17	2017-05-10	ZL20162112 7888.6		

20160527		1		2015-04-29	2017-01-25		ZL201510209866.8			, , , , ,
20160518		1		2014-08-15	2017-01-25		ZL201410402987.X			, ,
20160475		1		2015-11-27	2016-11-30		ZL201521005845.6			, , , , , ,
20160466		1		2015-06-03	2016-07-04		ZL201510306398.6	1. 2. 30 200 0.2 5 3. 8 15 1 100 600 / 0.1 20 0.1 5 0.1 5 4. 0.1 25.0 1 96 5. 0.1 5.0 0.1 24 150° 10°		, , , , , ,
20160401		1		2013-12-19	2016-08-17		ZL201310707359.8			, , ,

20160400		1		2014-06-25	2016-03-30		ZL20141029 2916.9	2 3 3 4		, , , ,
20160384		1		2014-12-19	2017-01-25		ZL20141079 4585.9	‘ L ’		
20160373		2		2014-12-24	2016-08-17		ZL20141081 8186.1			’ , ,
20160234		1		2013-12-11	2016-04-20		ZL20131067 4027.4	- - —— - MMF MF “ ” MF	- -	
20160188		1		2016-01-22	2016-08-17		ZL20162006 4058.7			

20160134		1		2014-04-17	2016-06-29		ZL201410154794.7	1 4 1 2 4 2 6 8 6 5 7 2 6 8 7		, ,
20160130		1		2015-04-29	2016-08-17		ZL201510209868.7	1 MS+IBA0.3+6-BA0.4+VC0.2+ 30g+ 6.0g+Ac0.5g 2 CaCl21.5%+ 1%+ + 5min 0.5% 4°		, , , ,
20160055		1		2014-04-30	2016-03-30		ZL201410181009.7			
20150522		1		2014-11-25	2015-04-29		ZL201420711815.6			, ,

20150521		1		2015-04-20	2015-08-19		ZL201520238742.8			, , ,
20150514		1		2013-12-18	2015-12-02		ZL201410000968.4	/		, ,
20150457		1		2013-12-19	2015-11-18		ZL201310710982.9	Б		, ,
20150442		2		2015-04-29	2015-09-16		ZL201520272310.9			,
20150427		1		2013-08-19	2015-11-18		ZL201310360536.X	40 40% NaOH Б) ξ 40 45 10mio)60mi) ξ) ξ		

20150423		1		2014-12-19	2015-05-13		ZL201420804139.7	:		’ ，
20150422		1		2014-12-19	2015-08-12		ZL201420804184.2	‘ L ’		’ ，
20150421		1		2014-12-02	2015-05-13		ZL201420748189.8			’ ，
20150420		1		2014-12-19	2015-05-13		ZL201420804160.7	‘ L ’		’ ’

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20150416	1	2013-12-18	2015-08-12	ZL20131069 9314.0	я	A B

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20150385		1		2013-09-03	2015-01-05		ZL201310395484.X	NaOH		, , ,
20150169		1		2013-04-10	2015-01-21		ZL201310122534.7			
20140242		1		2014-08-15	2015-01-21		ZL201420462476.2	U U U U U		, , ,
20140190		1		2014-04-30	2014-09-03		ZL201420219558.4			, , , , , ,

20140164		1		2014-02-18	2014-07-02		ZL201420069896.4	U U EM U U EM		, , , , , ,
20140163		1		2013-09-03	2014-04-09		ZL201320545178.5	/ /	/	, ,
20140162		1		2013-09-03	2014-11-26		ZL201310395507.7	1:3 1:9 5 10mm 0 2.5 3.0MPa 1.0 2.2MPa 3 15min 5 10mm		, , ,
20140161		1		2012-03-17	2014-11-26		ZL201210072298.8			, ,
20140108		1		2013-02-25	2014-05-14		ZL201310058216.9	90±2 60 90min 30 40min 68±2 30min 20 30min 87±2 20 30min 60 70 20 30min 70 87 22 30s/30 35 40		, ,

20140107		1		2013-04-08	2014-11-05		ZL201310119005.1	pH pH E0		,
20140094		1		2013-06-28	2014-10-15		ZL201310265130.3	2 DNA XC2038 DNA 1		, , , , , ,
20140088		1		2013-12-18	2014-07-30		ZL201320837205.6	/		,
20140087		1		2013-12-18	2014-07-30		ZL201320837240.8	A B		,;

20140086		1		2014-04-17	2014-09-10		ZL201420187562.7	1 4 1 2 4 2 6 8 6 5 7 2 6 8 7		, ,
20140085		1		2012-08-24	2014-09-10		ZL201210303259.4	1 9 9 3,4,5 6 7 8		
20140008		1		2013-06-17	2014-01-22		ZL201320344018.4	1 6 1 3 6 7 3 7 3		
20140007		1		2012-05-24	2014-03-26		ZL201210164066.5			

20130225		1		2012-04-12	2013-03-27		ZL201220153903.X			
20130224		1		2013-04-10	2013-10-02		ZL201320176688.X			, , , ,
20130016		1		2010-12-31	2013-04-24		ZL201010617980.1	- - (SMF) 0.4 0.7 1 46 50 pH 8.5 9.0 30 60 (MF) SMF MF	- -	,
20130014		1		2012-08-23	2013-03-13		ZL201220419281.0	(1) (9) (9) (3 4 5) (6 7 8)		

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20120125 1 2012-

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2012 å “ 1 2012-05-24 2012-11-28 ZL2012202

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20110090		1		2007-03-17	2011-08-31		ZL20071005 1707.5	pH pH		, , , , ,
20110084		1		2011-04-19	2011-10-05		ZL20112011 5214.5			, , ,
20110049		1		2008-12-16	2011-09-14		ZL20081007 3988.9			, , ,
20110008		1		2010-05-07	2010-11-24		ZL20102018 2923.0	0.5-5mm 10-1000mm 15-85°		, ,

20100050		1		2007-12-20	2010-11-24		ZL20071005 1047.0			
20100023		1		2004-09-14	2010-08-25		ZL20041006 0862.X	82 92 + 8 18 0.5 12		
20090016		1		2009-02-26	2009-12-02		ZL20092014 0541.9	LED		
20100002		1		2007-09-14	2009-12-16		ZL20071005 0083.5	4 10 100 800N 2000N 2 4min		, , , , , , , , , , , ,