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- Date of refusal of application <B235>:
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- Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date <B430>: **2016.07.06**
- Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date <B450><date>: **2019.03.27**
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Lapse <B472>:

No lapse.

Classification <B500>:

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Title <B540>:

No title.

Division <B620> or <B620EP>:

No division.

EPO Customer <B710>&<B720>&<B730>&<B740>:

Name <snm>:	Baker Hughes Incorporated	EPO number of the customer <iid>:	101697678
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Customer type:	Grantees	Status:	0

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Customer type:	Attorney / Agent	Status:	0
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Customer type:	Inventor	Status:	0
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Customer type:	Inventor	Status:	0
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Opposition <B780>:
No opposition.

Designated countries <B840>:

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B1	PT citation	EP-A2- 2 273 058
B1	PT citation	GB-A- 2 407 334
B1	PT citation	US-A- 4 788 544
B1	PT citation	US-A- 5 052 941
B1	PT citation	US-A1- 2007 030 167
B1	PT citation	US-A1- 2007 257 812
B1	PT citation	US-A1- 2010 264 650
B1	PT citation	US-A1- 2010 328 095
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