

Oil India Limited Gets Its First-Ever Patent from EPO

Authorities at European Patent Office (EPO) have communicated their decision to grant patent to Oil India Limited (OIL) for an invention titled "A method for preventing wax deposition in oil wells with packers". Securing this first-ever patent grant signifies a major milestone for OIL and especially its R&D Unit, which actively develops innovative solutions to oilfield exploration and production problems and has filed few other patent applications in recent years.

The patent grant amounts to recognition of the uniqueness of the solution provided by OIL to the problem of heavy wax deposition in flowing oil wells completed with packers. Scientists at OIL have studied the problem and attributed it to phenomenon related to severe wellbore cooling caused by evaporation and condensation of liquid in the annulus, also known as 'wellbore refluxing'. The solution described in the patent application consists of removing the liquid from the well annulus using a venturi/ ejector device. Such a solution is simple, involves one-time operation and does not interfere with well production.

Patent application for the invention was first filed in the Indian Patent Office in February 2014, based on which an international application was filed as per provisions of Patent Cooperation Treaty (PCT). Subsequently, national phase applications were filed in EPO, USA, Russia and China. The EPO grant comes ahead of other offices.

The grant has lot of significance for in-house R&D units of public sector undertakings such as OIL. Apart from showcasing the quality of publicly-funded R&D endeavours, patents offer opportunities for multiple revenue sources through sale or licensing of patented technologies. More importantly, developing innovative solutions in the form of patentable inventions is likely to provide easier and cost-effective access to hydrocarbons.

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The solution described in the patent application consists of removing the liquid from the well annulus using a venturi/ ejector device. Such a solution is simple, involves one-time operation and does not interfere



CMD Utpal Bora

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The Telegraph

OIL invention gets patent

PRADIPKUMAR NEOG

Duliajan: The authorities of the European Patent Office (EPO) has granted patent to Oil India Ltd (OIL) for an invention titled “A method for preventing wax deposition in oil wells with packers”.

“Securing this first-ever patent grant signifies a major milestone for OIL and especially its research and development unit which develops innovative solutions to oil field exploration and production problems and has filed a few other patent applications in recent years,” the OIL has said in an official communiqué.

The patent amounts to recognition of the uniqueness of the solution provided by OIL to the problem of heavy

wax deposition in flowing oil wells completed with packers.

Scientists of OIL have studied the problem and attributed it to a phenomenon related to severe wellbore cooling caused by evaporation and condensation of liquid in the annulus, also known as “wellbore refluxing”.

OIL said the solution described in the patent application consists of removing the liquid from the well annulus using a venturi/ejector device. It added that such a solution is simple, involves one-time operation and does not interfere with production.

Patent application for the invention was first filed in the Indian Patent Office in February 2014.

Company News: Oil India Ltd

Authorities at the European Patent Office (EPO) has communicated their decision to grant a patent to **Oil India Ltd** for an invention titled 'A method for preventing wax deposition in oil wells with packers'. Securing this first-ever patent grant signifies a major milestone for OIL and especially its research & development (R&D) unit, which actively develops innovative solutions for oilfield exploration and production problems and has filed other patent applications too, in recent years. The patent grant amounts to recognition of the uniqueness of the solution provided by OIL to the problem of heavy wax deposition in flowing oil wells completed with packers. Scientists at OIL studied the problem and attributed it to the phenomenon related to severe well bore cooling caused by evaporation and condensation of liquid in the annulus, also known as 'well bore refluxing'. The solution described in the patent application consists of removing the liquid from the well annulus using a venturi / ejector device. Such a solution is simple, involves one-time operation and does not interfere with well production. Shares of OIL slipped 0.67 per cent at ₹ ₹216.15 on the NSE.

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Business Standard

Oil India gets its first ever patent from European Patent Office

Oil India has been granted [patent](#) by the [European Patent Office](#) for an invention titled 'A method for preventing wax deposition in [oil wells](#) with packers.'

Securing this first-ever [patent](#) grant signifies a major milestone for OIL and especially its Research& Development (R&D) Unit, which actively develops innovative solutions to oilfield exploration and production problems and has filed few other [patent](#) applications in recent years.

The [patent](#) grant amounts to recognition of the uniqueness of the solution provided by OIL to the problem of heavy wax deposition in flowing [oil wells](#) completed with packers. Scientists at OIL have studied the problem and attributed it to phenomenon related to severe wellbore cooling caused by evaporation and [condensation](#) of liquid in the annulus, also known as 'well bore refluxing'.

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OIL gets patent for crude dewaxing method

RON DUARAH

DIBRUGARH, April 9: The European Patent Office (EPO) has granted a patent to Oil India Limited (OIL) for an invention titled 'A method for preventing wax deposition in oil wells with packers'.

This is OIL's first-ever patent, and it signifies a major milestone for the company's R&D (research and development) unit, which actively develops innovative solutions to oilfield exploration and production problems.

The R&D unit had also filed few other patent applications in recent years, said OIL spokesman Jayanta Bormudoi.

The grant of the patent amounts to recognition of the uniqueness of the solution provided by OIL to the problem of heavy wax deposition in flowing oil wells completed with packers. Scientists at OIL have studied the problem and attributed it to a phenomenon related to severe well-bore cooling caused by evaporation

and condensation of liquid in the annulus, also known as 'well-bore refluxing'.

The solution described in the patent application consists of removing the liquid from the well annulus using a venturi/ ejector device. Such a solution is simple, involves one-time operation and does not interfere with the well's production.

The patent application for the invention was first filed in the Indian Patent Office in February 2014, based on which an international application was filed as per provisions of the Patent Cooperation Treaty (PCT). Subsequently, national phase applications were filed in EPO, USA, Russia and China.

The patent grant has much significance for in-house R&D units of public sector undertakings such as OIL. Apart from showcasing the quality of publicly-funded R&D endeavours, patents offer opportunities for multiple revenue sources through sale or licensing of patented technologies.

অইল ইণ্ডিয়া লিমিটেডলৈ পেটেণ্ট

দৈনিক অসমৰ বাতৰি
নতুন দিৱসী, ৯ এপ্রিল :
ইউৰোপিয়ান পেটেণ্ট
অফিচ (ই পি অ')ৰপৰা 'এ
মেথড ফৰ প্ৰিভেণ্টিং বেঞ্জ
ডিপোজিচন ইন অইল
বেলছ উইড পেকাৰ্ছ'
শীৰ্ষক উদ্ভাবনীমূলক কামৰ
বাবে অইল ইণ্ডিয়া
লিমিটেড (অইল)-এ
পেটেণ্ট লাভ কৰিবলৈ
সক্ষম হৈছে। উদ্ভাবনৰ
ক্ষেত্ৰত গৱেষণা আৰু
উন্নয়ন (আৰ এণ্ড ডি)
গোটে লাভ কৰা এয়াই
প্ৰথম সফলতা বুলি
চৰকাৰী সূত্ৰত প্ৰকাশ।
অৱশ্যে শেহতীয়াভাৱে
অইলে তেল আহৰণ আৰু
উৎপাদন ক্ষেত্ৰত
কেইবাটাও উদ্ভাবনী
সমাধান উলিয়াইছে আৰু
এই সকলোবোৰৰ
পেটেণ্টৰ বাবে সংশ্লিষ্ট
কৰ্তৃপক্ষলৈ আবেদন
জনোৱা হৈছে।