



Date:- 27/03/2024

To, The Secretary, Listing Department National Stock Exchange of India Ltd. Exchange plaza, BKC, Bandra (E) Mumbai - MH 400051.	To, The Secretary, Corporate Relationship Department BSE Limited P. J. Towers, Dalal Street Mumbai- MH 400001.
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**REF: -(ISIN- INE908D01010) SCRIP CODE BSE-531431, NSE Symbol -SHAKTIPUMP**

**Sub:-Announcement under Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulation, 2015.**

Dear Sir/Madam,

Pursuant to regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 read with Schedule III thereof, we would like to inform you that the Company has received 13<sup>th</sup> Patent for “**METHODS & APPARATUS FOR SOFT STARTING AND STOPPING A MOTOR**” from the Patent Office, Government of India.

We hereby enclosed the Press Release in respect of receiving Patent for “**METHODS & APPARATUS FOR SOFT STARTING AND STOPPING A MOTOR**”.

Kindly take the same on record and acknowledge the receipt of the same.

Thanking You,

Yours faithfully,  
**For Shakti Pumps (India) Limited**

**Ravi Patidar**  
**Company Secretary**

*Enclosure: As above*

**SHAKTI PUMPS (INDIA) LIMITED**

CIN: L29120MP1995PLC009327

Regd. Office:-Plot No. 401, 402 & 413, Industrial Area, Sector - 3, Pithampur - Dist. Dhar 454774 (M.P.) INDIA.

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## **“Shakti Pumps Granted 13<sup>th</sup> Patent for Ground-breaking innovation on Soft Starter”**

**Pithampur, Madhya Pradesh, 27<sup>th</sup> March 2024**, Shakti Pumps (India) Limited, India's leading manufacturer of solar pumps and motors has received a patent for inventing **"METHODS & APPARATUS FOR SOFT STARTING AND STOPPING A MOTOR"** The Patent Office, Government of India, has awarded Shakti Pumps this patent, fully adhering to the provisions set forth in the Patents Act of 1970. This patent is set to maintain its validity for duration of 20 years, commencing from the date of filing. This is the 13<sup>th</sup> Patent that the company has secured.

This patented technology offers numerous benefits for both motors and grid electrical systems. Firstly, it reduces mechanical stress on the motor and connected equipment by gradually ramping up motor speed, extending motor lifespan, and lowering maintenance costs. Secondly, it ensures a smooth and controlled start-up, preventing sudden torque and mechanical shock, which is particularly advantageous for delicate equipment and applications vulnerable to damage from abrupt starts. Additionally, soft starters limit inrush current during motor start-up, preventing voltage dips in the grid, thus avoiding penalties for exceeding power consumption limits and reducing the need for oversized electrical infrastructure.

Moreover, they provide precise control over acceleration and de-acceleration, enhancing system efficiency and reliability while minimizing equipment wear and tear, resulting in fewer breakdowns and extended equipment lifespan. Furthermore, the technology is compatible with generator-fed AC motors, reducing inrush current during start-up, improving generator lifespan, fuel economy, and reducing generator size requirements by 50 % compared to other starting methods.

Shri Dinesh Patidar, Chairman of Shakti Pumps, credited the company's R&D team for achieving this milestone. He highlighted, **"This patented technology marks a significant stride in our commitment to innovation and excellence in the electrical industry. Soft starters, a pivotal aspect of our patented technology, are set to transform global electrical systems by providing controlled motor starting and stopping while minimizing stress on equipment and the grid. This advancement not only enhances motor durability but also contributes to a more resilient and reliable electrical infrastructure."**

### **About Shakti Pumps**

Shakti Pumps is at the forefront of sustainable innovation and reliability in solar pumping solutions, while also being environmentally responsible. The company has been at the forefront of transforming the agriculture sector through solar pump technology. All Shakti submersible pumps are based on Stainless Steel (SS), which is a testimony to the latest technology and quality in manufacturing. Notably, Shakti Pumps has the distinction of being India's first 5-star rated pump manufacturer, supplying its products to more than 100 countries across the globe and manufacturing its own solar pumps, motors, structures, controllers & VFDs. Shakti Pumps is committed to helping India meet its energy goals.

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For more details, please visit: <https://www.shaktipumps.com/>

**For further information, please contact:-**

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