

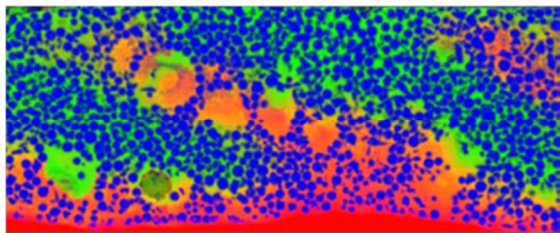
ASX: Market Update – International Patents Lodged for New Laser Process

International Patents Lodged for New Laser Deposition Method

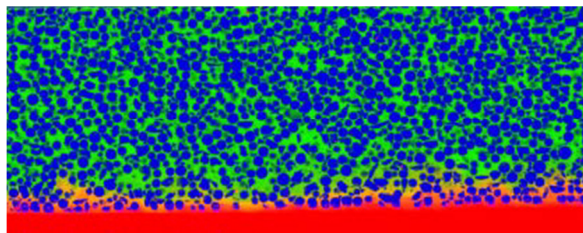
During 2014 LaserBond made application for two ground-breaking patents associated with using advanced additive manufacturing methods to deliver a major improvement in wear-life performance of capital intensive equipment. These patents are being extended internationally.

These international patents, to 148 countries, are both an extension of earlier work and recognition of the global opportunity of the technology.

Greg Hooper, LaserBond's founder and Executive Director of R&D, illustrated the outcomes by way of some advanced imaging obtained using the X-ray Fluorescence Beamline at the Australian Synchrotron. It shows the technical benefits of increased and more evenly distributed concentrations of protective carbides, minimal effects to carbide particles and dramatically reduced dilution.



Normal laser cladding showing dilution effects



New LaserBond® Deposition Process

The commercial opportunities of the patents are; further improvements to wear-life, faster deposition rates, thinner coatings and better economics.

Utilising this technology, the company has trials underway with long-life mining pick, hydraulics and drilling applications. Proof of performance will provide commercialisation opportunities.

At this time LaserBond has no intention to include these new methods in its technology licensing packages. These focus on tailored systems for specific industry applications.

For more information visit <http://www.laserbond.com.au/values/development-design.html>

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