

# IP Licensing Opportunity

## RemBall®

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### Product

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RemBall® is a hollow, perforated ball designed to improve aeration during composting and bioremediation.

When mixed with waste at a pre-set ratio, the balls allow air to flow more easily reducing the reliance on costly turning equipment or aeration pumps.

Furthermore, the product is biodegradable which alleviates the need to recover the product at the end of the process.

### Benefits

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- Reduces the need for costly aeration equipment;
- Reduced carbon footprint;
- No need to recover product at the end of the process due to biodegradability;
- Can be used to deliver nutrients, microbes or other additives.

### Product Status

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Ziltek has manufactured more than 20,000 balls (40mm to 80mm diameter) for various field trials involving the processing of compost and contaminated soil.

A prototype production tool is available as part of the licensing package. Various biodegradable materials have been tested.

### Applications

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- Large-scale commercial composting;
- Bioremediation of contaminated soil;
- In-vessel putrescible waste processing;
- Home composting

### Intellectual Property

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The innovation is the subject of an international Patent Cooperative Treaty (PCT) application that was filed in 2009. The "RemBall®" trademark is registered in Australia.

### Licensing Opportunity

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Ziltek is seeking a global licensing partner to further develop the working prototype, manufacture and to take the product to market.



Figure 1: RemBall® in compost



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