

Israeli company seeking mobile device to perform electropolishing treatment at the customer line

Summary

Profile type	Company's country	POD reference
Technology request	Israel	TRIL20230730007
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement with technical assistance	• World
Contact Person	Term of validity	Last update
Rita ELSTE - TOMSONE	30 Jul 2023 29 Jul 2024	30 Jul 2023

General Information

Short summary

An Israeli company specializes in metal surface treatment and performs passivation, oxide removal, special cleaning, conversion coating, and most notably, electrochemical polishing. The company is looking for a mobile device to perform the electropolish treatment in the customer's plant. Ideally, the requested device should be friendly in use and serve a variety of shapes / sizes. The technology / product requested should be fully developed / on the market.

Full description

The company specializes in electrochemical / electropolishing treatment of metal surfaces - especially stainless steel alloys- and other types of metal surface treatment. The process of electrochemical polishing provides stainless steel protection, shine and a very smooth surface. The shining protection that is created in this process is long-lasting, especially in problematic environmental conditions that increase the chances of corrosion, more than any other surface treatments.

The company has been working in this field for many years, allowing it to become a leader. The company has several production lines and a skilled local marketing department.

The company would like to broaden the range of its service types by working on-line in the customer's production line / plant / facility. Thus, it seeks a device to implement the company's electropolish processes at various

customers' facilities. The device requested should be easy to use and available in a variety of sizes.

Advantages and innovations

Technical specification or expertise sought

Technical Specifications / Specific technical requirements:

The device requested should be easy to use and available in a variety of sizes.

Current and Potential Domain of Application: The offered device is intended for implementation in the company's electropolish processes at various customers' facilities.

Stage of development

Already on the market

IPR Status

Sustainable Development goals

• **Goal 9: Industry, Innovation and Infrastructure**

Partner Sought

Expected role of the partner

Type of partner sought: Industry, academy, research organization

Specific area of activity of the partner: Manufacturers / developers / distributors in the field of electropolish performing machines / devices

Tasks to be performed: To present the device requested

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- R&D Institution
- Big company
- SME 11-49
- SME <=10
- SME 50 - 249
- University

Dissemination

Technology keywords

- **02007008 - Iron and Steel, Steelworks**
- **02002002 - Coatings**
- **02002015 - Surface treatment (painting, galvano, polishing, CVD, ..)**
- **02007011 - Non-ferrous Metals**
- **02007010 - Metals and Alloys**

Targeted countries

- **World**

Market keywords

- **08003007 - Other industrial equipment and machinery**
- **08001012 - Speciality metals (including processes for working with metals)**

Sector groups involved