



Technology Description (TD) for Substrate Pre-Treatment Technologies

Contact Information:

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|---|--------------------------------|--|------------------|--------|
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| <i>Date (of filling the TD):</i> | 15.03.2017 | | | |

Technology Description:

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|---|--------------------------|
| NAME OF TECHNOLOGY | Molares ® |
| ASSIGNMENT OF TECHNOLOGY | |
| TECHNICAL READINESS LEVEL | |
| TRL 1 - basic principles observed TRL 2 - technology concept formulated TRL 3 - experimental proof of concept TRL 4 - technology validated in lab TRL 5 - technology validated in relevant environment (industrially relevant environment in case of key enabling technologies) TRL 6 - technology demonstrated in relevant environment (industrially relevant environment in case of key enabling technologies) TRL 7 - system prototype demonstration in an operational environment TRL 8 - system completed and qualified TRL 9 - actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space) | 1 2 3 4 5 6 7 8 9 |
| TECHNOLOGY/EQUIPMENT AVAILABILITY | YES |
| PATENT RIGHTS | YES |



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| METHOD OF MAKING THE TECHNOLOGY AVAILABLE | <i>Licence selling</i> | NO |
| | <i>Licence granting</i> | NO |
| POSSIBLE END USERS OF TECHNOLOGY | <i>Please name end users/ contacts that should be invited to project workshops</i> | on request from manufacturer |

Description of the technology/equipment:

The Molares ® is a biomass processing machine which considerably unlocks the fiber / plant cells of the various biomass so that more energy can be extracted from the biomass than is usual in the traditional way. Also makes the process faster, and you have less interference in the process