

Title (en)  
POLISHING TANK WITH REMOVABLE LINING AND INTEGRATED SENSORS

Title (de)  
POLIERGEFÄSS MIT ABNEHMBARER AUSKLEIDUNG UND INTEGRIERTEN SENSOREN

Title (fr)  
CUVE DE POLISSAGE AVEC CHAUSSETTE AMOVIBLE ET CAPTEURS INTEGRES

Publication  
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Application  
**EP 19208060 A 20191108**

Priority  
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Abstract (en)  
[origin: WO2021089724A1] The present invention relates to a polishing tank (100) having a metal jacket (110) and a removable insert modular system (120) configured to be inserted into and to be removed from said jacket.

Abstract (fr)  
La présente invention concerne une cuve de polissage (100) avec une chemise métallique (110) et un système modulaire d'insert amovible (120) configuré pour être inséré dans ladite chemise et pour être retiré de ladite chemise.

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Citation (search report)

- [XY] WO 9520465 A1 19950803 - UNIV LEEDS [GB], et al
- [XY] KR 20190112554 A 20191007 - JEON SOON NAM [KR]
- [X] JP 2003025212 A 20030129 - HOSHIZAKI ELECTRIC CO LTD
- [A] JP 2007331083 A 20071227 - MAEDA SHERU SERVICE KK
- [A] WO 9933610 A1 19990708 - UNIV OKLAHOMA STATE [US]
- [A] US 7252576 B1 20070807 - KOMANDURI RANGA [US], et al

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