

Title (en)  
MINIATURE SLUDGE LANCE APPARATUS

Title (de)  
MINIATUR-SCHLAMMLANZENVORRICHTUNG

Title (fr)  
DISPOSITIF DE LANCE MINIATURE POUR L'ÉLIMINATION DE BOUES

Publication  
**EP 2496905 B1 20210106 (EN)**

Application  
**EP 10839955 A 20101103**

Priority  
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Abstract (en)  
[origin: WO2011078916A2] A miniature sludge lance for a steam generator in a pressurized water nuclear reactor is provided. The sludge lance is structured to enter the steam generator via an inspection opening and has a body sufficiently thin to fit between adjacent tubes. The sludge lance rail has at least two types of nozzle assemblies that may be attached thereto. One nozzle assembly rotates and another nozzle assembly translates in a vertical direction. A drive assembly, a mounting assembly, an oscillation assembly, and flow straighteners are also provided.

IPC 8 full level  
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