

## PATENT APPLICATION



10-2023-0192290 Filed

AI-based structural monitoring system utilizing flexible elastic wave sensors to predict and detect errors



10-2024-0012586 Filed

AI-based structural monitoring system that predicts potential errors in structures using acoustic emission sensors

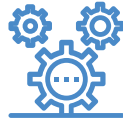


10-2024-0061148 Filed

AI-based structural monitoring system utilizing wireless elastic wave sensors

## APPLICATION CASE

Plant Site Installation



Establish and operate a real-time monitoring system for plant exhaust leakage management points.



Fracture Detection Installation



Management points for facility breakage  
Established real-time monitoring system



## PARTNER ORGANIZATION



APPLICATION OF FLEXIBLE ELASTIC WAVE  
DETECTION SENSOR  
REAL-TIME INDUSTRIAL SAFETY MONITORING SOLUTION

EARLY DETECTION  
24/7 INSPECTION  
PREDICTIVE MAINTENANCE

RINA SOLUTION

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