

Title (en)
METHODS AND SYSTEMS FOR ABRASIVE CLEANING AND BARRIER COATING/SEALING OF PIPES

Title (de)
VERFAHREN UND SYSTEME ZUR ABRASIVEN REINIGUNG UND SPERRBESCHICHTUNG/ABDICHTUNG VON ROHREN

Title (fr)
PROCÉDÉ ET SYSTÈMES DE NETTOYAGE ABRASIF, DE RÉALISATION DE REVÊTEMENT PROTECTEUR ET D'ÉTANCHEMENT DE TUYAUX

Publication
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Application
EP 07862294 A 20071128

Priority
US 2007024504 W 20071128

Abstract (en)
[origin: WO2009070135A1] Methods and systems for abrasive cleaning, deburring pipes, providing barrier coatings and sealing leaks in existing pipes, in a single operation. A piping system can be cleaned in one pass set up by intermittent bursts of dry particulates that are forced and pulled by air throughout the piping system by a generator and a vacuum. Pipes can be protected from the effects of water corrosion, erosion corrosion and electrolysis, extending the life of piping systems such as copper, steel, lead, brass, cast iron piping and composite materials. Cleaning and barrier coating techniques described are efficient in pipes up to 2 inches in diameter, so that entire piping systems can be abrasive cleaned, coated and sealed. The leak sealant of approximately 4 mils thick can cover insides of pipes. Piping systems can be returned to service within approximately 24 to 96 hours.

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Citation (search report)
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