

Title (en)  
Cleaning device for cleaning conduits

Title (de)  
Reinigungsgerät für die Reinigung von Rohrleitungen

Title (fr)  
Appareil de nettoyage pour le nettoyage de conduits

Publication  
**EP 2277634 B1 20120627 (DE)**

Application  
**EP 09009591 A 20090724**

Priority  
EP 09009591 A 20090724

Abstract (en)  
[origin: EP2277634A1] The device (1) has a motor (2) and three rolls that are arranged on a circumference of a spring shaft (6). Axes of two of the rolls are firmly aligned so that the axes along with opposite transport force acts on the spring shaft. An axis of the third roll is adjustable in a spatial position such that the transport force of the third roll assists the transport forces of the other rolls. A handle tube (8) movably encloses the spring shaft and includes an adjusting part for adjusting the third roll in the transport direction of the spring shaft.

IPC 8 full level  
**B08B 9/045** (2006.01); **E03F 9/00** (2006.01)

CPC (source: EP)  
**B08B 9/045** (2013.01); **E03F 9/005** (2013.01)

Cited by  
DE102018115680B3; CN110340081A; CN105618442A; CN109332311A; USD830806S; US10519646B2; US10612230B2; US10626593B2; US11512460B2; US11965325B2

Designated contracting state (EPC)  
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**EP 2277634 A1 20110126; EP 2277634 B1 20120627**; ES 2390213 T3 20121107; PL 2277634 T3 20121130

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