

Title (en)  
Cleaning apparatus for pipes.

Title (de)  
Rohrreinigungsanlage.

Title (fr)  
Appareil pour nettoyer des conduites.

Publication  
**EP 0159272 A2 19851023 (EN)**

Application  
**EP 85400737 A 19850415**

Priority  
JP 7494084 A 19840416

Abstract (en)  
A cleaning apparatus for a pipe (9) which comprises a scratching device (10) having a plurality of scratching segments being radially elongated and being disposed around the axis of the scratching device (10) so as to contact elastically and annularly to the interior surface of the pipe (90) as a whole at scratching portions (16) formed at outer peripheries thereof, and driving means (25) for moving the scratching device (10) in the pipe (90). The apparatus may have a grinding device (37) which is connected to the scratching device (10) at back position thereof and has an injection pipe (46) for injecting mixed flow (95) of compressed air and abrasive material from at least one nozzle formed at the outer end of a radially elongated portion of the injection pipe (46), and a rotating means (51) of the injection pipe (46).

IPC 1-7  
**B08B 9/04**

IPC 8 full level  
**B08B 9/02** (2006.01); **B08B 9/04** (2006.01); **B08B 9/057** (2006.01)

CPC (source: EP KR)  
**B08B 9/027** (2013.01 - KR); **B08B 9/035** (2013.01 - EP); **B08B 9/0553** (2013.01 - EP); **B08B 9/0558** (2013.01 - EP)

Cited by  
AU570886B2; DE19903726C1; GB2236572A; CN111250487A; GB2207482A; GB2207482B; DE3600210A1; WO9307973A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0159272 A2 19851023**; **EP 0159272 A3 19871014**; AU 4100385 A 19851024; JP S60220181 A 19851102; KR 850007572 A 19851207

DOCDB simple family (application)  
**EP 85400737 A 19850415**; AU 4100385 A 19850411; JP 7494084 A 19840416; KR 850002537 A 19850416