

Title (en)  
APPARATUS AND PROCESS FOR THE SURFACE TREATMENT OF TUBES WITH LIQUIDS

Publication  
**EP 0258748 A3 19881123 (DE)**

Application  
**EP 87112083 A 19870820**

Priority  
• DE 3629972 A 19860903  
• DE 3724505 A 19870724

Abstract (en)  
[origin: US4830676A] A treating tank which contains a bath of the liquid and a movable support for the tubular members in the bath. An infeeding device having a three-dimensionally sloping chute is disposed on one side of the treating tank above the bath and causes one end of the tubular members to lead as the tubular members enter the bath. A grate-like support is disposed in the treating tank and has a top surface, which slopes down from that side of the treating tank which is provided with the infeeding device to the other side. The grate-like support is provided at either end with a separate, controllable lifting and lowering device. An outfeeding device having a three-dimensionally sloping chute is provided above the bath on the other side of the treating tank.

IPC 1-7  
**C23G 3/04**

IPC 8 full level  
**B08B 3/04** (2006.01); **B08B 9/02** (2006.01); **C23G 3/04** (2006.01)

CPC (source: EP US)  
**B08B 3/041** (2013.01 - EP US); **B08B 9/023** (2013.01 - EP US); **B08B 9/027** (2013.01 - EP US); **C23G 3/04** (2013.01 - EP US)

Citation (search report)  
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**EP 87112083 A 19870820; CA 546013 A 19870902; DE 3724505 A 19870724; DE 3770371 T 19870820; US 9163487 A 19870901**