

Title (en)  
Method for coating tubes

Title (de)  
Verfahren zur Beschichtung von Rohren

Title (fr)  
Procédé de revêtement des tubes

Publication  
**EP 1541710 B1 20091104 (EN)**

Application  
**EP 04028988 A 20041207**

Priority  
FI 20031821 A 20031212

Abstract (en)  
[origin: EP1541710A2] The invention relates to a method for coating the inner surface of a tube made of copper or copper alloy by a tin layer, according to which method the tin layer is formed by chemical tin coating. The coating of the inner tube surface is carried out in one coating step so that the tin layer is formed as the coating solution circulates on the inner tube surface

IPC 8 full level  
**C23C 18/31** (2006.01); **C23C 18/16** (2006.01); **C23C 18/52** (2006.01); **E03B 7/09** (2006.01)

CPC (source: EP)  
**C23C 18/1616** (2013.01); **C23C 18/1637** (2013.01); **C23C 18/1676** (2013.01); **C23C 18/1678** (2013.01); **C23C 18/1682** (2013.01); **C23C 18/31** (2013.01); **C23C 18/52** (2013.01); **C23C 18/54** (2013.01)

Cited by  
CN109576703A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1541710 A2 20050615**; **EP 1541710 A3 20060802**; **EP 1541710 B1 20091104**; AT E447631 T1 20091115; DE 602004023913 D1 20091217; EA 008451 B1 20070629; EA 200401489 A1 20050630; ES 2336103 T3 20100408; FI 120268 B 20090831; FI 20031821 A0 20031212; FI 20031821 A 20050613; PL 1541710 T3 20100430

DOCDB simple family (application)  
**EP 04028988 A 20041207**; AT 04028988 T 20041207; DE 602004023913 T 20041207; EA 200401489 A 20041210; ES 04028988 T 20041207; FI 20031821 A 20031212; PL 04028988 T 20041207