

Title (en)  
Conductor roll.

Title (de)  
Wärmeleitende Rolle.

Title (fr)  
Rouleau conducteur.

Publication  
**EP 0658635 A1 19950621 (EN)**

Application  
**EP 94117700 A 19941109**

Priority  
US 15052093 A 19931110

Abstract (en)  
A conductor roll for use in the annealing of wire, such as copper wire, comprising a conductive substrate, such as copper, coated with a wear resistant layer of tungsten or tungsten based alloy in which the surface of the wear resistant layer has a roughness of at least 2 microns Ra.  
<IMAGE>

IPC 1-7  
**C23C 30/00**; **C21D 9/56**

IPC 8 full level  
**C21D 1/40** (2006.01); **C21D 9/56** (2006.01); **C21D 9/62** (2006.01); **C23C 30/00** (2006.01)

CPC (source: EP)  
**C21D 9/563** (2013.01); **C21D 9/62** (2013.01); **C23C 30/00** (2013.01)

Citation (search report)  
• [A] EP 0266509 A1 19880511 - KAWASAKI STEEL CO [JP]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 16, no. 375 (C - 0973) 12 August 1992 (1992-08-12)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 186 (M - 0962) 16 April 1990 (1990-04-16)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 223 (M - 247) 4 October 1983 (1983-10-04)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 52 (C - 213) 9 March 1984 (1984-03-09)

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ITUA20162154A1; WO2017168385A1

Designated contracting state (EPC)  
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