

Title (en)

PROCESS AND APPARATUS FOR ELECTROPLATING STRIPS

Publication

**EP 0194577 B1 19900103 (DE)**

Application

**EP 86102928 A 19860305**

Priority

DE 3509388 A 19850315

Abstract (en)

[origin: US4640758A] For the electrodeposition of a metal coating onto a surface of an endless belt, such as a press belt for use in a double band press, an annular bath is formed by a pair of endless belts. The belts have different diameters and are arranged concentrically about a center point on a horizontal base plate. The belts extend vertically upwardly from the base plate so that one belt forms the radially inner surface of the bath and the other forms the radially outer surface, an aqueous electrolytic solution is filled into the annular bath. An anode is supported in the bath and one of the endless belts forms a cathode. The anode and cathode are connected to a constant voltage source and a metal coating can be deposited on the belt acting as the cathode. A mast extends vertically upwardly from the center point and is supported on the base plate. Horizontal arms extend outwardly in opposite directions from the mast and support the anode. The mast rotates about its vertical axis with the anode moving through the annular bath.

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