

A METHOD AND AN ASSEMBLY FOR ELECTROLYTICALLY DEPOSITING
A COATING

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ABSTRACT

10 According to the invention, the following elements
are provided: a blade (120, 130) forming the cathode and
having a surface to be coated defining a critical area
(21), an anode (19), an electrolyte bath including
insoluble particles, and a mounting (12) on which said
15 blade is mounted in a working position relative to a
reference wall (14). The mounting (12) is placed in said
bath, and the particles and the metal of the anode are
co-deposited (19) in order to form the coating (20) on
the surface to be coated. Said anode (19) is typically
20 placed facing the critical area (21) and said mounting
(12) is provided with a means for monitoring the current
lines in order to obtain a coating (20) with a relatively
constant, predetermined thickness for the critical area
(21), that gradually falls to a value of substantially
25 zero along the edges of said coating (20).

Fig. 7