

Title (en)

Method for plating and grinding a roll before forming printing cells

Title (de)

Plattierungs- und Schließverfahren eines Zylinders vor Erzeugung von Drucknöpfchen

Title (fr)

Procédé de placage et de rectification d'un rouleau avant la formation de cellules pour l'impression

Publication

**EP 1642713 A1 20060405 (EN)**

Application

**EP 04023213 A 20040929**

Priority

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Abstract (en)

There are provided a plating method for a roll and a grinding method before a cell is formed in which copper sulfate plating having a uniform thickness without any particles or pits can be applied to the roll for a gravure printing, both a middle finish grinding and a mirror surface finish grinding not depending on a grinding stone grinding can be carried out in a short period of time and a high quality roll can be provided. The grinding is carried out after applying the copper sulfate plating to the roll to attain a mirror surface finish state. The copper sulfate plating is carried out in such a way that non-soluble anode having a length more than the maximum roll length is ascended to the rotating process roll and approached to the lower surface of the roll, plating liquid having some avoidable impurities becoming a cause of particles or pits removed through a filter so as to perform a plating having no thickened portions at both ends of the roll.

IPC 8 full level

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Citation (applicant)

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