

Title (en)

Method for plating and grinding a roll before forming printing cells

Title (de)

Plattierungs- und Schließverfahren eines Zylinders vor Erzeugung von Drucknäpfchen

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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