

Title (en)
GRAVURE PRESS FOR MANUFACTURING FIRE-RETARDANT BANDED CIGARETTE PAPER AND MANUFACTURING METHOD FOR SAME

Title (de)
TIEFDRUCKMASCHINE ZUR HERSTELLUNG VON FEUERFESTEM GEBÄNDERTEM ZIGARETTENPAPIER UND
HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PROCÉDÉ DE FABRICATION ET MACHINE D'IMPRESSION EN HÉLIOGRAVURE DE FABRICATION DE PAPIER À CIGARETTES À BANDE
IGNIFUGE

Publication
EP 2725138 A4 20150909 (EN)

Application
EP 12749859 A 20120420

Priority
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Abstract (en)
[origin: EP2725138A2] Disclosed are a gravure printing machine and method for producing cigarette paper (11) having fire-retardant bands (2). The gravure printing machine comprises a fire-retardant printing device consisting of a printing machine roller (3) and a rubber engaging roller (10); the fire-retardant bands are printed on the cigarette paper by means of the fire-retardant printing device. The gravure printing machine also comprises a drying device and a pressing device. The drying device comprises a drying cylinder (12) located downstream of the printing machine roller and the rubber engaging roller. The cigarette paper comes into tight contact with the drying cylinder after passing through a contact point between the printing machine roller and the rubber engaging roller. The pressing device comprises an upper press roller (14) and a lower press roller (15) arranged in parallel to and in contact with the upper press roller. The cigarette paper passes through the contact point between the upper press roller and the lower press roller. In the gravure printing machine, the paper is first printed, then dried, and then pressed; thereby reducing the likelihood of paper deformation and wrinkling, as well as the coating thickness of the fire-retardant bands.

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Citation (search report)
• [A] CA 2758463 A1 20101104 - DELFORTGROUP AG [AT]
• [A] EP 0671505 A2 19950913 - KIMBERLY CLARK CO [US]
• See references of WO 2012113355A2

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CN104972775A; CN110027305A; CN105058970A; WO2019031823A1

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