

Title (en)
METHOD OF INITIATING THE PREMATURE REPLACEMENT OF A ROLL OF MATERIAL

Title (de)
VERFAHREN ZUM EINLEITEN EINES VORZEITIGEN ROLLENWECHSELS

Title (fr)
PROCEDE PERMETTANT D'INITIER A TEMPS UN CHANGEMENT DE ROULEAU DE PAPIER

Publication
EP 0754159 A1 19970122 (DE)

Application
EP 95915861 A 19950407

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Abstract (en)
[origin: US5769353A] PCT No. PCT/EP95/01282 Sec. 371 Date Sep. 26, 1996 Sec. 102(e) Date Sep. 26, 1996 PCT Filed Apr. 7, 1995 PCT Pub. No. WO95/27676 PCT Pub. Date Oct. 19, 1995A process for initiating a premature roll change of a web to be unwound from a roll wound on a spool, the process including the steps of measuring temperature at an end of the roll in a zone up to 150 mm away from a surface of the spool in a radial direction during a time that the roll has between 100% and 60% of its fully wound weight, using a non-contact measuring device, determining a radial distance from the spool surface when a temperature difference ≥ 0.5 DEG C. is found between temperature measurement locations in the zone and cooler adjacent areas, and storing the determined distance for triggering a signal that initiates a replacement of the roll when that distance is reached.

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US 5769353 A 19980623; AT E169885 T1 19980915; CA 2187179 A1 19951019; CA 2187179 C 20000620; DK 0754159 T3 19981116; EP 0754159 A1 19970122; EP 0754159 B1 19980819; ES 2119427 T3 19981001; FI 963941 A0 19961002; FI 963941 A 19961002; NO 306337 B1 19991025; NO 964170 D0 19961002; NO 964170 L 19961002; WO 9527676 A1 19951019

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