

Title (en)

METHOD FOR PRODUCING A FINE WEAKENED TEAR LINE ON PAPER AND APPARATUS FOR ITS PRODUCTION

Publication

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Application

**EP 81110508 A 19811216**

Priority

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Abstract (en)

[origin: EP0054907A2] A novel paper containing a fine weakened tear line and a method for the manufacture of the paper are disclosed. The fine weakened tear line for facilitating the tearing of the paper along this tear line is formed by causing a paper-weakening liquid which comprises a cellulose-degrading agent and water to be applied in a fine line to the paper surface and allowing the liquid to penetrate the paper in the direction of the thickness of paper thereby causing the liquid to degrade chemically the portion of cellulose of paper underlying the area of the fine line of liquid applied to the paper surface. Effective application of the liquid to the paper and consequent penetration of the liquid through the paper are accomplished advantageously under the pressure applied to the paper by use of a line-printing plate or a paper-incising pen.

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IPC 8 full level

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Cited by

US4740163A; CN110088005A; US9259848B2; US8468938B2; US10618962B2; WO9855278A1; US8287977B2; US8283013B2; US6289777B1; US8535483B2; US8443725B2; US8757058B2; US8268429B2; US8287976B2; US8763523B2; US8763526B2; WO2018065512A1

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