

Title (en)
APPARATUS FOR MONITORING INK RESERVOIRS OF INK PRINTING DEVICES

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EP 0426692 B1 19930428 (DE)

Application
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Priority
DE 3825239 A 19880725

Abstract (en)
[origin: WO9000971A1] The invention concerns an ink reservoir for printing devices, with a built-in safeguard (24) against unauthorized refilling. The safeguard (24) consists of a security element which can be scanned by an ink monitoring device in the printing device. The security element is directly associated with the ink reservoir and its scannable characteristic data are irreversibly changed when the ink supply drops below a certain minimum amount. The security element (24) can be designed as an electrical fuse which blows when the ink supply falls below the minimum level.

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IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17513 (2013.01); **B41J 2/17523** (2013.01)

Citation (examination)
• PATENT ABSTRACTS OF JAPAN, vol. 9, no. 183, (M-400)(1906) 30.07.1985; JP A 60 052 349 (H. KIYOUNGOKU) 25.03.1985
• PATENT ABSTRACTS OF JAPAN, vol. 9, no. 272, (M-425)(1995) 30.10.1985; JP A 60 115 451 (Y. MARUZAMA) 21.06.1985

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US5694156A

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WO 9000971 A1 19900208; DE 58904231 D1 19930603; EP 0426692 A1 19910515; EP 0426692 B1 19930428

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