

Title (en)

METHOD AND DEVICE FOR SEALING AND CLEANING THE INK OUTLET ORIFICES OF AN INK WRITING HEAD

Publication

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Application

**EP 87901342 A 19870220**

Priority

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Abstract (en)

[origin: US4855764A] PCT No. PCT/DE87/00057 Sec. 371 Date Oct. 13, 1987 Sec. 102(e) Date Oct. 13, 1987 PCT Filed Feb. 20, 1987 PCT Pub. No. WO87/04979 PCT Pub. Date Aug. 27, 1987. An ink printing head of an ink printing means has a cover element and a stripper element allocated to it. The cover element and the stripper element are seated in front of the ink printing head in displaceable fashion such that, in a first operating condition, only the cover element covers the ink discharge openings in a distance forming a gap, whereby the gap is then filled with writing fluid via the ink discharge openings. In a second operating condition, the stripper element wipes across the ink discharge opening and thereby eliminates the ink in the gap. Cover element and stripper element are connected to one another and are actuated by an electromotive means.

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IPC 8 full level

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Citation (examination)

- JP S5780064 A 19820519 - SHARP KK
- Patent Abstracts of Japan, Vol. 6, Nr. 163, (M-152)(1041) 26 August 1982
- IBM Technical Disclosure Bulletin, Vol. 19, Nr. 1, June 1976, Armonk, USA, R.J. Surty et al., "Ink jet shutter and flushing mechanism"
- IBM Technical Disclosure Bulletin, Vol. 19, Nr. 10, March 1977, Armonk, USA, J. Mako et al., "Cleaning ink jet nozzles", pages 3703, 3704

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**US 4855764 A 19890808**; DE 3761805 D1 19900412; EP 0257068 A1 19880302; EP 0257068 B1 19900307; JP S63502573 A 19880929; WO 8704979 A1 19870827

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