

Title (en)

Cylinder of a printing press, especially impression cylinder for a rotary sheet-fed printing press

Title (de)

Druckmaschinenzylinder, insbesondere Gegendruckzylinder für eine Bogenrotationsdruckmaschine

Title (fr)

Cylindre d'une machine à imprimer, notamment cylindre de contre-pression pour une machine à imprimer à feuilles rotative

Publication

**EP 0990518 A3 20001108 (DE)**

Application

**EP 99119228 A 19990928**

Priority

DE 19845214 A 19981001

Abstract (en)

[origin: EP0990518A2] A cylinder base member (8) has several recesses which can be connected to a suction or blow air source, and also a sleeve body (17) having in the area of the recesses through channels (24, 24a) which extend from the recesses to the circumferential surface (18) of the sleeve body to define blow suction sections (22) which act on the underneath of a sheet conveyed on the circumferential surface of the cylinder. Independent claim describes manufacturing method where cylinder base member is prepared, recesses are formed and then the air supply bores in the recesses. The cylinder sleeve body is then fitted on.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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**B41N 2207/02** (2013.01 - EP US)

Citation (search report)

- [XY] DE 1147243 B 19630418 - GEORG SPIESS DR ING
- [X] DE 3710341 A1 19871126 - POLYGRAPH LEIPZIG [DD]
- [X] DE 4116510 A1 19911205 - PLANETA DRUCKMASCHINENWERK AG [DE]
- [PX] EP 0924067 A1 19990623 - HEIDELBERGER DRUCKMASCH AG [DE]
- [XY] DE 19615730 A1 19971023 - HEIDELBERGER DRUCKMASCH AG [DE]
- [XDY] DE 4126643 A1 19930218 - KOENIG & BAUER AG [DE]
- [Y] DE 2828318 A1 19800110 - WINKLER DUENNEBIER KG MASCH
- [XY] DE 2509680 A1 19760916 - HOECHST AG
- [XY] PATENT ABSTRACTS OF JAPAN vol. 008, no. 128 (M - 302) 14 June 1984 (1984-06-14)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09 30 September 1997 (1997-09-30)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 11 30 September 1998 (1998-09-30)

Cited by

DE102014011411A1; DE102014224833A1; CN112918092A; DE102014011411B4; DE102015225605A1; EP3042767A1

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DOCDB simple family (application)

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