



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 178 366 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
08.12.2004 Bulletin 2004/50

(51) Int Cl.7: **G03G 15/16**

(43) Date of publication A2:
06.02.2002 Bulletin 2002/06

(21) Application number: **01204162.0**

(22) Date of filing: **06.06.1995**

(84) Designated Contracting States:
DE FR GB IT

(30) Priority: **01.12.1994 IL 11184694**
01.12.1994 IL 11184794
11.10.1994 US 321538
11.01.1995 US 371117

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
95920290.4 / 0 784 809

(71) Applicant: **Hewlett-Packard Indigo B.V.**
6221 SH Maastricht (NL)

(72) Inventors:
• **Gazit, Alon, c/o Indigo Ltd.**
Rehovot 76101 (IL)
• **Idan, David, c/o Indigo Ltd.**
Rehovot 76101 (IL)
• **Inbar, Hanni, c/o Indigo Ltd**
Rehovot 76101 (IL)
• **Kandar, Ilan, c/o Indigo Ltd.**
Rehovot 76101 (IL)

- **Kritchman, Eli, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Landa, Benzion, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Lavon, Amiran, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Levanon, Moshe, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Lior, Ishaiau, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Van Mil, Jan, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Niv, Yehuda, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Schneider, Avner, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Schmaiser, Aron, c/o Indigo Ltd.**
Rehovot 76101 (IL)
- **Younes, Hanis, c/o Indigo Ltd.**
Rehovot 76101 (IL)

(74) Representative: **van Westenbrugge, Andries et al**
Nederlandsch Octrooibureau
P.O. Box 29720
2502 LS The Hague (NL)

(54) **Imaging apparatus and intermediate transfer blanket therefor**

(57) Imaging apparatus including an imaging surface having a toner image formed thereon and an intermediate transfer member, which receives the toner image from the imaging surface and from which it is subsequently transferred. The intermediate transfer member includes a drum having mounting recesses formed therein and an intermediate transfer blanket mounted on the drum. The blanket has a layered transfer portion

having a transfer surface on one face thereof which receives the toner image and optionally an adhesive layer on the opposite face thereof and a mounting fixture, attached to one edge of the layered transfer portion and adapted to mate with the mounting recesses in the drum, whereby the transfer blanket is fixedly and removably mounted on the drum.

EP 1 178 366 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 20 4162

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
D,Y	US 5 089 856 A (LANDA BENZION ET AL) 18 February 1992 (1992-02-18) * the whole document *	1-4,7-21	G03G15/16 G03G15/16 B41N10/06
Y	US 4 015 046 A (PINKSTON MELVIN D ET AL) 29 March 1977 (1977-03-29) * column 4, paragraph 1 *	3	
Y	US 5 352 507 A (BRESSON MICHEL ET AL) 4 October 1994 (1994-10-04) * column 4, line 28 - column 5, line 1; figures *	1,2,4, 7-21	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G03G B41N
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 October 2004	Examiner Lipp, G
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 20 4162

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-10-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5089856	A	18-02-1992	US 4984025 A	08-01-1991
			CA 2064816 A1	15-02-1991
			DE 69027777 D1	14-08-1996
			DE 69027777 T2	20-02-1997
			DE 69031779 D1	15-01-1998
			DE 69031779 T2	18-06-1998
			EP 0487530 A1	03-06-1992
			EP 0584893 A2	02-03-1994
			EP 0791860 A2	27-08-1997
			JP 4507148 T	10-12-1992
			JP 3086858 B2	11-09-2000
			WO 9103006 A1	07-03-1991
			US 5335054 A	02-08-1994
			US 6070042 A	30-05-2000
			US 5745829 A	28-04-1998
			US 5497222 A	05-03-1996
			DE 69018972 D1	01-06-1995
			DE 69018972 T2	30-11-1995
			EP 0456733 A1	21-11-1991
			HK 137895 A	08-09-1995
			JP 4503265 T	11-06-1992
			JP 2001066902 A	16-03-2001
			WO 9008984 A1	09-08-1990
			US 5047808 A	10-09-1991
US 4015046	A	29-03-1977	NONE	
US 5352507	A	04-10-1994	BR 9400782 A	13-12-1994
			CA 2116728 A1	04-09-1994
			CN 1102613 A ,B	17-05-1995
			DE 69412885 D1	08-10-1998
			DE 69412885 T2	12-05-1999
			EP 0613791 A2	07-09-1994
			JP 3376500 B2	10-02-2003
			JP 6340187 A	13-12-1994