



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
05.07.2000 Bulletin 2000/27

(51) Int Cl.7: **G03G 15/20**

(43) Date of publication A2:
07.10.1998 Bulletin 1998/41

(21) Application number: **98302295.5**

(22) Date of filing: **24.03.1998**

(84) Designated Contracting States:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
NL PT SE
 Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **01.04.1997 US 831990**

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(54) **Fusing apparatus employing multi-functional toner release agent**

(57) The invention relates to a fuser member (1,9) and an apparatus with a fuser member for fusing electrophotographic toner images of various colors (14, 140) to a substrate (12, 120). The fuser member (1, 9) includes a base member (4, 40) coated with a mixture of at least a first and a second polymeric release agent. The first and second polymeric release agents each

have a functional group selected from hydroxy, epoxy, carboxy, amino, isocyanate, thioether, or mercapto. The functional group of the first polymeric release agent is different from the functional group of the second polymeric release agent. The functional groups of the first and second polymeric release agents occupy through reactive binding sites on the surface of the base member.

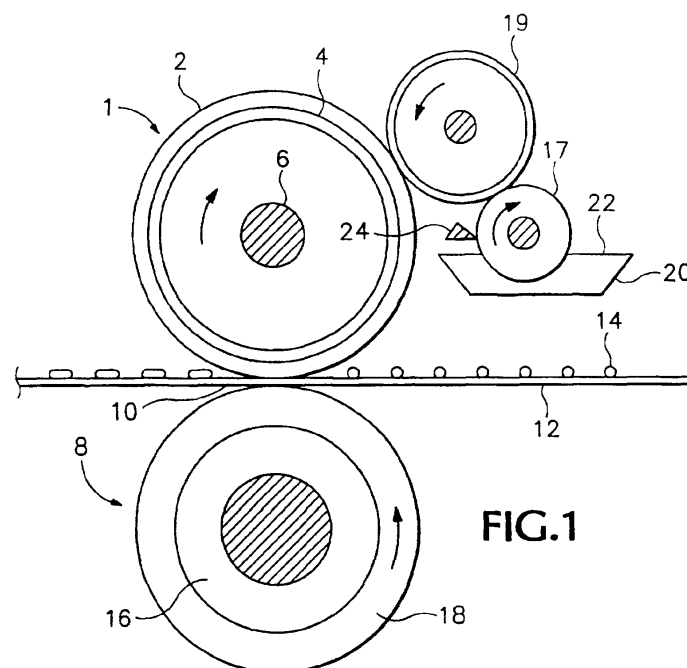


FIG.1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 30 2295

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 May 2000	Examiner Lipp, G
CATEGORY OF CITED DOCUMENTS		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	
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			

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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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
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