

Title (en)

Fusing apparatus employing multi-fuctional toner release agent

Title (de)

Schmelzfixgerät wobei ein multifunktioneller Tonertrennmittel benutzt wird

Title (fr)

Appareil de fixage par fusion utilisant un agent séparateur de toner multifonctionnel

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Application

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Priority

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Abstract (en)

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. <IMAGE>

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