

Title (en)

Removable nonporous opaque thin film layer

Title (de)

Entfernbare, nichtporöse undurchsichtige dünne Filmschicht

Title (fr)

Film en couche mince détachable non poreux et opaque

Publication

**EP 0695973 A1 19960207 (EN)**

Application

**EP 95110623 A 19950707**

Priority

- US 27277794 A 19940708
- US 46023295 A 19950602

Abstract (en)

A composite imaging sheet for use in copying and printing machines comprising a transparent imageable sheet having a machine direction and a transverse direction, and two major surfaces, each surface having four edges having edge portions coextensive therewith, the sheet bearing a releasable thin opaque film layer having a total thickness of from 5  $\mu$ m to 60  $\mu$ m and a film thickness of no greater than 30  $\mu$ m, on at least one edge portion of one surface of said imageable sheet, the thin film layer having an opacity of at least 70%, and a tensile energy to break of at least 0.1 joule.

IPC 1-7

**G03G 7/00**

IPC 8 full level

**B41J 2/01** (2006.01); **B41M 5/52** (2006.01); **G03G 7/00** (2006.01)

CPC (source: EP)

**B41M 5/504** (2013.01); **G03G 7/0013** (2013.01); **G03G 7/004** (2013.01); **G03G 7/0046** (2013.01); **G03G 7/0086** (2013.01)

Citation (applicant)

- JP S58187743 A 19831102 - MITSUBISHI ELECTRIC CORP
- CA 1184951 A 19850402 - MINNESOTA MINING & MFG
- JP 20400581 A 19811217
- US 5126762 A 19920630 - TAKEUCHI TATSUO [JP], et al
- US 5208093 A 19930504 - CARLS JOSEPH C [US], et al
- US 3691140 A 19720912 - SILVER SPENCER FERGUSON
- US 4166152 A 19790828 - BAKER WILLIAM A [US], et al
- US 4599265 A 19860708 - ESMAY DONALD L [US]
- US 4855170 A 19890808 - DARVELL WAYNE K [US], et al
- US 5283092 A 19940201 - EVERAERTS ALBERT I [US], et al
- US 5134198 A 19920728 - STOFKO JR JOHN J [US], et al
- US 4935307 A 19900619 - IQBAL MOHAMMAD [US], et al

Citation (search report)

- [A] WO 9217822 A1 19921015 - MINNESOTA MINING & MFG [US]
- [A] WO 9313460 A1 19930708 - MINNESOTA MINING & MFG [US]
- [A] US 4873135 A 19891010 - WITTNEBEL BRUCE W [US], et al
- [A] EP 0570740 A2 19931124 - CANON KK [JP]
- [A] DE 4242249 A1 19940616 - RENKER GMBH & CO KG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 192 (P - 218) 28 August 1983 (1983-08-28)

Cited by

EP1725911A4; EP0927752A1; US8916243B2; WO2005088402A1; WO2005007304A1; WO9855900A1; US6224975B1; US6590684B1

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