

Title (en)  
Recyclable support.

Title (de)  
Recyclerbarer Schichtträger.

Title (fr)  
Support recyclable.

Publication  
**EP 0609648 A1 19940810 (DE)**

Application  
**EP 94100040 A 19940104**

Priority  
DE 4302678 A 19930201

Abstract (en)  
The invention relates to a recyclable layer support (substrate, carrier) comprising a cellulose-containing support and a radiation-crosslinked layer containing a solid which can be anchored to a limited extent, which means that this layer support can be recycled by means of the aqueous reprocessing methods conventional in the paper industry.

Abstract (de)  
Es wird ein recyclerbarer Schichtträger beschrieben, bestehend aus einem cellulosehaltigen Träger und strahlenvernetzter Schicht, die einen begrenzt verankerbaren Feststoff enthält, wodurch dieser Schichtträger mit den in der Papierindustrie üblichen wäßrigen Wiederaufbereitungsprozessen wiederverarbeitet werden kann.

IPC 1-7  
**G03C 1/79**; **G03C 11/24**

IPC 8 full level  
**G03C 1/775** (2006.01); **B29B 17/00** (2006.01); **B41M 5/382** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01); **D21C 5/02** (2006.01); **D21H 19/24** (2006.01); **D21H 19/36** (2006.01); **G03C 1/79** (2006.01); **G03C 11/24** (2006.01)

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**G03C 1/79** (2013.01 - EP US); **G03C 11/24** (2013.01 - EP US); **Y10T 428/254** (2015.01 - EP US)

Citation (search report)

- [XY] EP 0131893 A2 19850123 - FUJI PHOTO FILM CO LTD [JP]
- [Y] EP 0114973 A2 19840808 - SCHOELLER F JUN GMBH CO KG [DE]
- [Y] EP 0159493 A2 19851030 - SCHOELLER F JUN GMBH CO KG [DE]
- [Y] JP H059893 A 19930119 - MATERIAL SCI KK
- [Y] JP S5825710 B2 19830528
- [Y] JP S63135585 A 19880607 - MITSUBISHI PAPER MILLS LTD
- [Y] US 4133688 A 19790109 - SACK WIELAND H
- [Y] CH 662839 A5 19871030 - ERNST HAGENBUCH
- [Y] PATENT ABSTRACTS OF JAPAN vol. 7, no. 289 (C - 202)<1434> 23 December 1983 (1983-12-23)
- [Y] J.H.KLEINEAU ET AL.: "PULP AND PAPER MANUFACTURE,VOLUME 3", 1987, THE JOINT TEXTBOOK COMMITTEE OF THE PAPER INDUSTRY, MONTREAL,CA, 191510

Cited by  
CN110016194A

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