

Title (en)

Ink jet recording paper and labels made therefrom.

Title (de)

Durch Tintenstrahlverfahren bedrucktes Papier und daraus hergestellte Labels.

Title (fr)

Papier pour impression par jet d'encre et étiquettes ainsi fabriquées.

Publication

**EP 0493100 A1 19920701 (EN)**

Application

**EP 91311999 A 19911223**

Priority

JP 41394990 A 19901226

Abstract (en)

An ink jet recording paper comprises a substrate which is coated with at least 0.1 g/m<sup>2</sup> or borax or boric acid on at least one side, and an ink jet recording layer formed on one borax or boric acid-coated side, at a coverage of 5-20 g/m<sup>2</sup>. The recording layer comprises 100 parts by weight of a pigment having a synthetic silica as its main ingredient and 10-35 parts by weight of a binder having polyvinyl alcohol as its main ingredient. Both improved scratch strength and high resolution are thereby achieved. An ink jet recording label incorporating said recording paper is also described.

IPC 1-7

**B41M 5/00**

IPC 8 full level

**B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01); **D21H 19/36** (2006.01)

CPC (source: EP)

**B41M 5/5218** (2013.01); **B41M 5/5227** (2013.01); **B41M 5/5254** (2013.01)

Citation (search report)

[X] EP 0246987 A1 19871125 - AUSSEDAT REY [FR]

Cited by

EP1386751A3; EP0888904A1; DE19602793C1; EP1111452A3; US6908191B2; EP0605840A3; US5472757A; EP1378369A1; EP1318026A3; EP0634286A1; US5523149A; EP0734882A3; US5725946A; CN1087371C; EP2420619A1; US8247044B2; US6217166B1; US7172793B2; US8247045B2; US7575314B2; US6746713B2; US8273435B2; EP1671805A2; US8287974B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0493100 A1 19920701**; AU 8806091 A 19920702; JP H04223190 A 19920813; JP H0737175 B2 19950426

DOCDB simple family (application)

**EP 91311999 A 19911223**; AU 8806091 A 19911122; JP 41394990 A 19901226