

Title (en)
Pad, tape and forming methods

Title (de)
Papierblock, Streifen und Verfahren zu deren Herstellung

Title (fr)
Bloc, ruban et procédés de production

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Application
EP 97116071 A 19931129

Priority

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Abstract (en)
A method for forming pads of sheets which includes providing a digital electronic printing mechanism (11) capable of printing infinitely variable indicia along a length of sheet material (12) passed through the printing mechanism in response to a series of digital electronic signals to the printing mechanism; coating a side surface of a length of sheet material with pressure sensitive adhesive (14); passing the length of sheet material through the printing mechanism (11) while sending a series of digital electronic signals to the printing mechanism so that the printing mechanism will print various indicia (16) along the length of the length of sheet material, with at least portions of the indicia being varied in a non repetitive pattern along the length of sheet material; and converting the coated and printed length of sheet material into a plurality of pads (10) with portions of the coating of repositionable pressure sensitive adhesive on the sheets releasably adhering the sheets together in the pads, or a master pad (24) from which such pads (10) can be cut, or a plurality of rolls of tape (60) each comprising an elongate strip cut from the length of sheet material and having a coating of pressure sensitive adhesive on a first surface by which the wraps of the printed elongate strip in the roll of tape are releasably adhered together and with the elongate strip in the roll having indicia (64) with at least portions of the indicia varying in a non repetitive pattern along its length. <IMAGE>

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- [XY] US 4714276 A 19871222 - GREIG WALTER G [US] & EP 0261817 A2 19880330 - MOORE BUSINESS FORMS INC [US]
- [Y] US 4781306 A 19881101 - SMITH DANIEL D [US]
- [X] FR 2656834 A1 19910712 - OSAKA SEALING LABEL PRINT [JP]
- [X] WO 9108909 A1 19910627 - OSAKA SEALING LABEL PRINT [JP]
- [Y] US 3902655 A 19750902 - HUFFMAN HAROLD W
- [Y] FR 2320190 A1 19770304 - PETETTI LIBERATORE [IT]
- [A] FR 2612901 A1 19880930 - MINNESOTA MINING & MFG [US] & US 4921127 A 19900501 - WINDORSKI DAVID C [US]

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