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Method for editing character bitmaps at small sizes.

A method to detect and fix certain topological errors in character bitmaps by (1) enumerating the pixels in an order determined by the path topology, (2) searching for sequences of pixels corresponding to a pointed feature in the character that touches other parts of the character bitmap, and (3) editing the bitmap to fix such incorrect contacts.

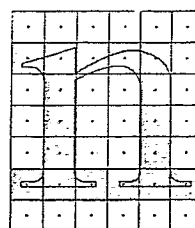


FIGURE 1A

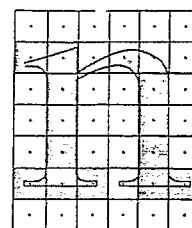


FIGURE 1D

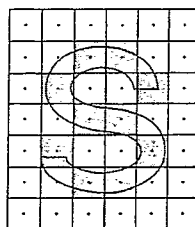


FIGURE 1B

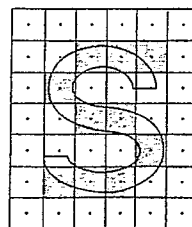


FIGURE 1E

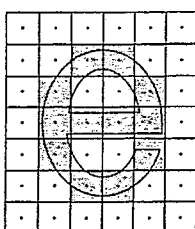


FIGURE 1C

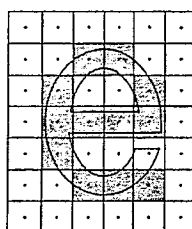


FIGURE 1F

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 2573

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X,A	US-A-4 833 627 (T. LESZCZYNSKI) * abstract; figures 5-9 ** column 1, line 29 - column 3, line 2 @ column 8, line 35 - column 10, line 35 * - - -	1,2,3	G 09 G 5/28
X	US-A-4 837 847 (A. SHIRASAKA ET AL) * column 1, line 1 - column 6, line 55; figures 1-39 * - - -	1,2	
A	EP-A-0 132 454 (RUDOLF HELL) * abstract; figures 1-6 ** page 2, line 15 - page 3, line 29 ** page 5, line 1 - page 8, line 3 * - - -	1-3	
A	US-A-4 409 591 (M. SIMKOVITZ) * abstract; figures 1-3 ** column 4, line 1 - column 9, line 3 * - - - - -	1-3	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) G 09 G G 06 K B 41 B G 06 F
Place of search Berlin		Date of completion of search 10 September 91	Examiner SAAM C A
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons ----- &: member of the same patent family, corresponding document</div>			