

Title (en)
CURVE GENERATOR FOR MAKING VISIBLE SYMBOLS ON A CATHODE RAY TUBE SCREEN

Publication
EP 0014127 B1 19830316 (FR)

Application
EP 80400057 A 19800115

Priority
FR 7902281 A 19790130

Abstract (en)
[origin: US4314351A] The curve-generating device serves in particular to produce signals relating to a circular line from simple algorithms. The device comprises means for computing a parameter DELTA L defined by $\langle \text{IMAGE} \rangle$ where U is an elementary vector, theta is the angle at the center of a polygon of side U+ DELTA L circumscribed about the circle R, and processing logic circuits for determining the polar direction Pn of the plotted line according to the relation: $\langle \text{IMAGE} \rangle$ where DELTA n-1=1 in respect of $x_{n-1} \geq U$ and $x_n = x_{n-1} + \text{DELTA L} \times \text{DELTA n-1-U} \times \text{DELTA n-1}$.

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IPC 8 full level
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