

Title (en)
RECONFIGURABLE INPUT GALOIS FIELD LINEAR TRANSFORMER SYSTEM

Title (de)
GALOISFELD-LINEARTRANSFORMATORSYSTEM MIT UMKONFIGURIERBAREM EINGANG

Title (fr)
SYSTEME DE TRANSFORMATEUR LINEAIRE A CHAMP DE GALOIS A ENTREE RECONFIGURABLE

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Application
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Priority

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- US 6069902 A 20020130
- US 13617002 A 20020501

Abstract (en)
[origin: WO03048947A1] A reconfigurable input Galois field linear transformer system (10) includes a Galois field linear transformer (12) including a matrix of cells; a plurality of storage planes (18, 18', 18'') for storing control patterns representing a number of different functions; a storage plane selector circuit (20) for selecting a storage plane (18, 18', 18'') representing a function for enabling the cells of the matrix which defines that function; and a reconfigurable input circuit (14) for delivering input data to the enabled cells to apply that function to the input data.

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