

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

Publication
EP 1459188 A4 20070307 (EN)

Application
EP 02791352 A 20021129

Priority

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- US 33451001 P 20011130
- US 33466201 P 20011130
- US 34173701 P 20011218
- US 5153302 A 20020118
- 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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G06F 7/72

IPC 8 full level
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CPC (source: EP)
G06F 7/724 (2013.01)

Citation (search report)

- [XY] US 5680070 A 19971021 - ANDERSON DAVID J [US], et al
- [Y] US 5768168 A 19980616 - IM JIN-HYEOK [KR]
- [A] US 6057703 A 20000502 - MOK FAI [US], et al
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Citation (examination)
US 4852098 A 19890725 - BRECHARD DOMINIQUE [FR], et al

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