

Title (en)
SCALABLE INTEGRATED DATA CONVERTER

Title (de)
SKALIERBARER INTEGRIERTER DATENUMSETZER

Title (fr)
CONVERTISSEUR DE DONNÉES INTÉGRÉ EXTENSIBLE

Publication
EP 3391544 A4 20191218 (EN)

Application
EP 16876909 A 20161219

Priority

- US 201562268983 P 20151217
- US 2016044770 W 20160729
- US 2016067529 W 20161219

Abstract (en)
[origin: WO2017106835A1] The present invention relates to an integrated data converter, in particular analog to digital converters (ADC) and digital to analog converters (DAC), using a charge-based approach. Complimentary pairs of current field effect transistors are used to form amplifiers for forming scalable ADCs and DACs are disclosed, including successive approximation data converters (ADCs and DACs), and pipe-lined data converters (ADCs and DACs).

IPC 8 full level
H03M 1/06 (2006.01); **H03M 1/80** (2006.01); **H03M 1/16** (2006.01)

CPC (source: EP)
H03M 1/0607 (2013.01); **H03M 1/804** (2013.01); **H03M 1/164** (2013.01)

Citation (search report)

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- See references of WO 2017106835A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017106835 A1 20170622; CN 108702155 A 20181023; EP 3391544 A1 20181024; EP 3391544 A4 20191218; JP 2019504585 A 20190214; JP 2020115577 A 20200730; JP 6690015 B2 20200428

DOCDB simple family (application)
US 2016067529 W 20161219; CN 201680082037 A 20161219; EP 16876909 A 20161219; JP 2018551893 A 20161219; JP 2020069625 A 20200408