

Title (en)

METHODS AND SYSTEMS FOR UTILIZING DESIGN DATA IN COMBINATION WITH INSPECTION DATA

Title (de)

VERFAHREN UND SYSTEME ZUR VERWENDUNG VON ENTWURFSDATEN IN KOMBINATION MIT PRÜFDATEN

Title (fr)

PROCEDES ET SYSTEMES PERMETTANT D'UTILISER DES DONNEES DE CONCEPTION EN COMBINAISON AVEC DES DONNEES D'INSPECTION

Publication

EP 1955225 A4 20091104 (EN)

Application

EP 06850792 A 20061120

Priority

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- US 56165906 A 20061120
- US 56173506 A 20061120

Abstract (en)

[origin: WO2007120279A2] Various methods and systems for utilizing design data in combination with inspection data are provided. One computer-implemented method for binning defects detected on a wafer includes comparing portions of design data proximate positions of the defects in design data space. The method also includes determining if the design data in the portions is at least similar based on results of the comparing step. In addition, the method includes binning the defects in groups such that the portions of the design data proximate the positions of the defects in each of the groups are at least similar. The method further includes storing results of the binning step in a storage medium.

IPC 8 full level

G06T 7/00 (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP KR)

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- See references of WO 2007120280A2

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WO 2007120279 A2 20071025; WO 2007120279 A3 20081120; EP 1955225 A2 20080813; EP 1955225 A4 20091104; IL 191527 A0 20081229; IL 191527 A 20140930; IL 230235 A 20150531; IL 230260 A 20160531; IL 234289 A 20161031; IL 234290 A 20161031; IL 234316 A 20170430; IL 234317 A 20170430; IL 234318 A 20170430; IL 234319 A 20161031; IL 234343 A 20161130; IL 234344 A 20161130; IL 234345 A 20161130; IL 234346 A 20170731; IL 253189 A0 20170831; IL 253189 B 20181129; JP 2009516832 A 20090423; JP 2012168195 A 20120906; JP 2013217940 A 20131024; JP 2013238606 A 20131128; JP 2014167476 A 20140911; JP 2015062034 A 20150402; JP 2015092173 A 20150514; JP 2016011962 A 20160121; JP 2016029376 A 20160303; JP 2016106228 A 20160616; JP 2016136151 A 20160728; JP 2016139811 A 20160804; JP 5465880 B2 20140409; JP 5466264 B2 20140409; JP 5763712 B2 20150812; JP 5869657 B2 20160224; JP 5932723 B2 20160608; JP 5965467 B2 20160803; JP 6023116 B2 20161109; JP 6127170 B2 20170510; JP 6312641 B2 20180418; JP 6312642 B2 20180418; JP 6360845 B2 20180718; JP 6364036 B2 20180725; KR 101285967 B1 20130712; KR 101370154 B1 20140304; KR 101530456 B1 20150622; KR 101565071 B1 20151103; KR 101613048 B1 20160415; KR 101665168 B1 20161011; KR 101672157 B1 20161102; KR 101682838 B1 20161212; KR 101789004 B1 20171020; KR 101885585 B1 20180807; KR 20080080130 A 20080902; KR 20130043223 A 20130429; KR 20130055013 A 20130527; KR 20130055014 A 20130527; KR 20140091575 A 20140721; KR 20150013351 A 20150204; KR 20150033708 A 20150401; KR 20150123962 A 20151104; KR 20160138593 A 20161205; KR 20170118240 A 20171024; KR 20180088924 A 20180807; WO 2007120280 A2 20071025; WO 2007120280 A3 20080918

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