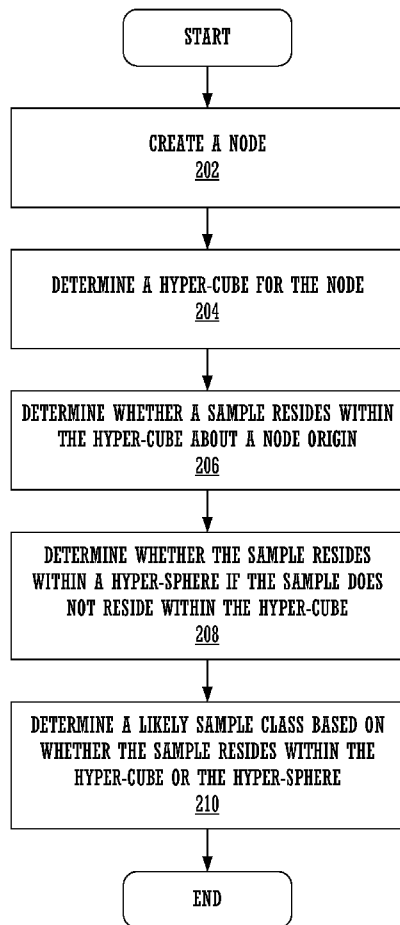




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(54) Title: USING RADIAL BASIS FUNCTION NETWORKS AND HYPER-CUBES FOR EXCURSION CLASSIFICATION IN SEMI-CONDUCTOR PROCESSING EQUIPMENT



(57) Abstract: A method and system for analysis of data, including creating a first node, determining a first hyper-cube for the first node, determining whether a sample resides within the first hyper-cube. If the sample does not reside within the first hyper-cube, the method includes determining whether the sample resides within a first hyper-sphere, wherein the first hyper sphere has a radius equal to a diagonal of the first hyper-cube.

FIG. 2



OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
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