

Abstract

Embodiments of the invention provide a two-dimensional code which comprises a plurality of optically readable and distinct indicia which are arranged on a two-dimensional area, wherein the indicia include a reference indicium and further includes at least one data indicium which represents at least one data value respectively, wherein the at least one data value is represented by at least one distance between the reference indicium and the at least one data indicium, and at least one angular displacement of the at least one data indicium which is relative to a reference direction, and wherein the reference direction is based on at least one of the indicia which is asymmetric or includes at most one line of symmetry.

Figure 2A