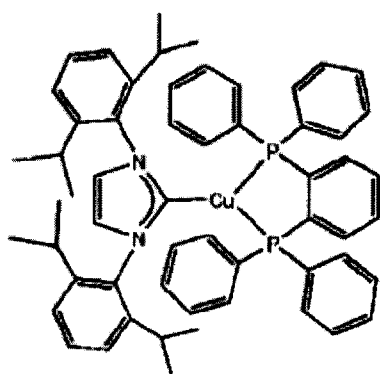
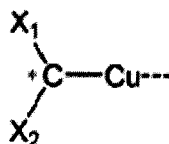
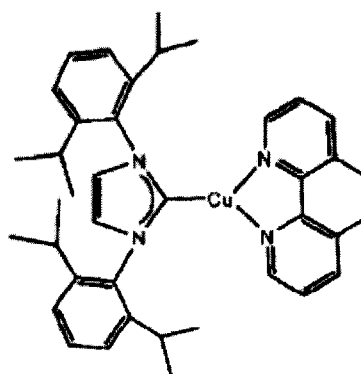


3-COORDINATE COPPER (I) - CARBENE COMPLEXES

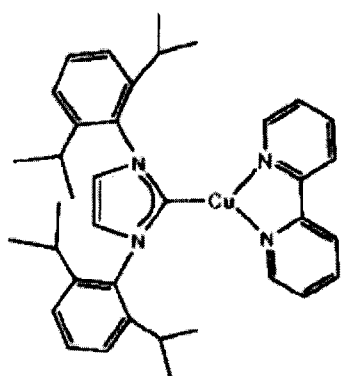
Novel phosphorescent trigonal copper carbene complexes are provided. The complex comprise a carbene ligand coordinated to a three coordinate copper atom. The complex may be used in organic light emitting devices. In particular, the complexes may be especially useful in OLEDs used for lighting applications.



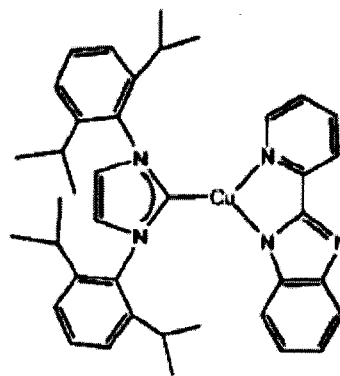
Complex 1



Complex 2



Complex 3



Complex 4

FIGURE 3