

Ar – X binary systems

Ar – Au (Argon – Gold)

Phase diagram

Due to some considerations regarding the position of Au and Ar in the periodic table of elements Gulyaev et al. [68 Gul] have estimated the solubility of Ar in (Au) at the temperature of eutectic type reaction to be about 10^{-6} to 10^{-7} at% Ar. For a short comment see [Massalski].

References

- [68 Gul] Gulyaev, B.B., Dvorshkaya, G.F.: “Phase Diagrams of Metallic Systems”, Savitskii, E.M. (ed.), Nauka SSSR, Moscow, (1968) 267
- [Massalski] Massalski, T.B., (ed.): “Binary Alloy Phase Diagrams”, Second Edition, The Materials Information Society, ASM International, Materials Park, Ohio (1992)