1018-17-14 **Vladislav K. Kharchenko*** (vlad@servidor.unam.mx), FES-Cuautitlan, UNAM, Primero de Mayo s/n, Campo 1, CIT, 54768 Cuautitlan Izcalli, de Mexico, Mexico. *Generalized Cartier-Milnor-Moore theorem.* Preliminary report.

The category of generalized Lie algebras (D. Gurevich, Soviet J. Contemp. Math. Anal. 18(1983), 57–70) over a field of characteristic zero is equivalent via the enveloping construction to the category of connected τ-cocommutative ($\tau^2 = \mathrm{id}$) braided Hopf algebras. This result includes the embedding of any generalized Lie algebra into its universal enveloping algebra (see a detailed discussion of this problem in: Journal of Algebra, 294, N1(2005), 196–225, Section 5). We consider the primitive generation problem for subalgebras, biideals and homomorphic images of connected braided Hopf algebras in much more general context, when the braiding is not necessary involutive, and even it is not necessary invertible. (Received November 26, 2005)