

ABSTRACT**PROCESS FOR THE PRODUCTION OF ALCOHOL FROM A CARBONACEOUS
FEEDSTOCK**

The present invention relates to a process for the production of ethanol from a carbonaceous feedstock, wherein the carbonaceous feedstock is first converted to synthesis gas which is then converted to ethanoic acid, which is then subject to a two stage hydrogenation process by which at least a part of the ethanoic acid is converted by a primary hydrogenation process to ethyl ethanoate, which ethyl ethanoate is converted by a secondary hydrogenation process to produce ethanol.

FIG. 1