

PROCESS FOR THE PRODUCTION OF CARBON MONOXIDE

ABSTRACT

An apparatus for the cryogenic separation of a mixture containing at least hydrogen, carbon monoxide and methane comprises two phase separators (A, H), two heat exchangers (D, K) and two stripping columns (B, I). The mixture cooled in the first exchanger is sent into a phase separator and at least some of the condensed fraction is sent into the first stripping column (B). At least some of the head gas from the stripping column is sent into the second phase separator (H) and the liquid produced is sent into the head of the second stripping column (I). The base liquid from the first stripping column may be sent into a purification column (C).

Figure 2