

P.6770 Ehph

Abstract of disclosure

The distillation plant (1) comprises a heat pump whose working fluid is compressed by means of a vapour jet compressor (10). A collection location (6) for a liquid is arranged in the stripper part (20) of a distillation column (2) of the plant. At least a portion of the collected liquid is provided in the vaporised form as strip vapour. Connections (26, 27, 28) lead from the collection location to a first vaporiser (7) and to a second vaporiser (8). The liquid can be vaporised in these vaporisers at an elevated and at a reduced pressure respectively. The vapour jet compressor is connected to the two vaporisers and to the column (71, 81, 11) in such a manner that the vapour from the second vaporiser can be compressed under a driving jet action of the vapour from the first vaporiser and used in the column as strip vapour. A pump (70) is arranged in the connection to the first vaporiser and at least one restrictor member (80) is contained in the connection to the second vaporiser.

(Fig. 1)

This Sheet Has Been Replaced

