

Title (en)

Engine system for the work expansion of two process streams

Title (de)

Maschinensystem zur arbeitsleistenden Entspannung zweier Prozess-Ströme

Title (fr)

Système à machines pour la détente de deux courants de procédé

Publication

EP 1213552 A1 20020612 (DE)

Application

EP 01103829 A 20010215

Priority

DE 10060678 A 20001206

Abstract (en)

Engine system for mechanical pressure reduction of two process streams with a first reduction engine (101) for mechanical reduction of the pressure of a first process flow and a second reduction engine (103) for mechanical reduction of a second process flow and an electric generator (205) that is mechanically coupled to both reduction engines. The invention also relates to a corresponding system for gas decomposition, in particular to low temperature separation of air.

Abstract (de)

Das Maschinensystem dient zur arbeitsleistenden Entspannung zweier Prozess-Ströme. Es weist eine erste Entspannungsmaschine (101) zur arbeitsleistenden Entspannung eines ersten Prozess-Stroms sowie eine Flüssigkeits-Entspannungsmaschine (103) zur arbeitsleistenden Entspannung eines zweiten, Prozess-Stroms auf. Ein elektrischer Generator (205) ist sowohl mit der ersten Entspannungsmaschine (101) als auch mit der zweiten Entspannungsmaschine (103) mechanisch gekoppelt (206). <IMAGE>

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Citation (search report)

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