

Title (en)

TWO-PHASE EXPANSION DEVICE CAPABLE OF MAXIMIZING THE AMOUNT OF MOVEMENT PRODUCED BY A TWO-PHASE FLOW

Title (de)

ZWEIPHASIGE EXPANSIONSVORRICHTUNG ZUR MAXIMIERUNG DES DURCH EINE ZWEIPHASENSTRÖMUNG ERZEUGTEN BEWEGUNGSVOLUMENS

Title (fr)

DISPOSITIF DE DÉTENTE DIPHASIQUE APTE À MAXIMALISER LA QUANTITÉ DE MOUVEMENT PRODUITE PAR UN ÉCOULEMENT DIPHASIQUE

Publication

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Application

EP 14745209 A 20140709

Priority

- FR 1301676 A 20130710
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Abstract (en)

[origin: WO2015004389A1] The invention relates to a two-phase expansion device (106) capable of maximizing the amount of movement produced by a two-phase flow. The two-phase expansion device (106) is characterized in that it includes at least: one dispenser (105) for dispensing the fluid to a plurality of two-phase expansion nozzles (60); a plurality of adjacent two-phase expansion nozzles (60) with substantially parallel axes, each two-phase expansion nozzle (60) including sequentially at least one diffuser (65), one neck (66), and one tube (67), the two-phase expansion nozzles (60) being arranged to each receive a portion of the flow from the hot source; and means for supporting the plurality of two-phase expansion nozzles (60) and including means for sealably separating the two-phase expansion nozzles (60).

IPC 8 full level

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Citation (search report)

See references of WO 2015004389A1

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Designated extension state (EPC)

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