

Title (en)

AIR COMPRESSION ARRANGEMENT WITH AN OILLESS ROTARY COMPRESSOR, AND RELATIVE PROCESS

Publication

EP 0330555 B1 19910605 (FR)

Application

EP 89400452 A 19890217

Priority

FR 8802115 A 19880223

Abstract (en)

[origin: EP0330555A1] A rotary compressor (1) delivers to a reservoir (5) and the pressure thereby prevailing in the reservoir (5) delivers a liquid (6) to an injection hole (11) on the compressor, by way of a filter (8) and a cooler (9). The liquid ensures the internal tightness of the compressor. It is pressurised in the compressor and separated under the effect of gravity in the reservoir (5), thereby renewing the liquid (6). <??>The liquid (6) is an aqueous borate solution, preferably of tetrahydrate dipotassium tetraborate. <??>Used in order to produce compressed air without oil, without water corrosion of the compressor or development of bacteria in the water or significant separation of the borate with compressed air. <IMAGE>

IPC 1-7

F04C 29/00

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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