

Title (en)
MEDICAL STERILIZER

Title (de)
MEDIZINISCHER STERILISATOR

Title (fr)
STERILISATEUR MEDICAL

Publication
EP 1202751 A4 20030115 (EN)

Application
EP 00944780 A 20000621

Priority
• US 0017096 W 20000621
• US 14051499 P 19990622

Abstract (en)
[origin: WO0078365A1] A steam sterilizer (10) operable under various pressures and temperatures above ambient. The sterilizer (10) has a chamber (25) in valved communication with a surrounding jacket (30). Steam is input into the jacket (30) and removed from the chamber (25) through parallel valved circuits. The jacket (30) is desirably of larger volume than the chamber (25) to provide a step change in chamber temperature at cycle startup. Steam flow between the jacket (30) and chamber (25) is controllable at variable flow rates by manipulation of inlet (36, 40) and exhaust valves (34, 38) in combination to maintain the temperature or pressure setpoint with a fast response and without significant setpoint overshoot.

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A61L 2/00; **A61L 2/07**; **A61L 2/24**

IPC 8 full level
A61L 2/07 (2006.01); **A61L 2/24** (2006.01)

CPC (source: EP)
A61L 2/07 (2013.01); **A61L 2/24** (2013.01)

Citation (search report)
• [X] US 4203947 A 19800520 - HALLECK FRANK E [US], et al
• [DX] US 4108601 A 19780822 - WOLFF ROBERT
• [X] WO 9006779 A1 19900628 - AMERICAN STERILIZER CO [US]
• [A] DE 1933542 A1 19710609 - NEISS GEB SCHULZ MARTHA ELISAB
• See references of WO 0078365A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL

DOCDB simple family (publication)
WO 0078365 A1 20001228; AU 5882600 A 20010109; EP 1202751 A1 20020508; EP 1202751 A4 20030115

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