

Claims

1. A system for circulating fluid to elevated height comprising:
means for circulating fluid in a non-resistive manner with at least one source
 5 container, at least one closed container, at least one elevated container, at least one
 start-stop mechanism, and at least one circulation mechanism for the purpose of
 circulating the fluid from the source container to the elevated container
characterised in further comprising means to increase flow and elevation.
- 10 2. The system according to claim 1 characterised in further comprising a plurality
 of circulation units connected in series
- 15 3. The system according to claim 1 characterised in further comprising a plurality
 of circulation units connected in parallel
- 20 4. The system according to claim 2-3 characterised in further comprising a
 plurality of serially and parallelly connected circulation units
- 25 5. The system according to claim 2-4 characterized in further that at least one
 circulation unit is circulation fluid with a different composition
- 30 6. The system according to claim 2-4 characterized in further that at least one
 circulation unit is circulating fluid in a different location
- 35 7. The system according to claim 1 characterised in further comprising at least
 one elevated container located below the maximum elevation limit
8. The system according to claim 1 characterised in further comprising a plurality
 of open or closed source containers
9. The system according to claim 1 characterised in further comprising a plurality
 of open or closed elevated buffer containers
10. The system according to claim 1 characterised in further comprising a plurality
 of open or closed elevated containers

11. The system according to claim 1 characterised in further comprising at least one evacuation device

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12. The system according to claim 1 characterized in further comprising means for electronic monitoring and control of the start-stop mechanism

13. The system according to claim 1 characterized in further comprising means for electronic monitoring and control of the circulation mechanism

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14. The system according to claim 1 characterized in further comprising means for electronic monitoring and control of the evacuation mechanism

15. The system according to claim 1 characterised in further comprising of sensors for monitoring of contaminants

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16. The system according to claim 14-15 characterized in further comprising means for programmed control of the circulation system

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17. A method for circulating fluid to elevated heights comprising:

control of at least one start-stop mechanism to maintain a closed hydraulic system at rest

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starting a non-resistive source circulation using at least one circulation unit for circulation of fluid from at least one source container to at least one closed elevated container

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starting a non-resistive extract circulation using at least one circulation unit for circulation of fluid from at least one closed elevated container to at least one open elevated container