

Title (en)  
A NON-MECHANICAL VALVE

Title (de)  
NICHTMECHANISCHES VENTIL

Title (fr)  
VANNE NON MECANIQUE

Publication  
**EP 0819092 A1 19980121 (EN)**

Application  
**EP 96907948 A 19960404**

Priority  
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Abstract (en)  
[origin: WO9631418A1] A non-mechanical valve (3) for controlling the flow of fluidisable solids is disclosed. The valve (3) comprises a pipe having an upstream leg (5) with a solids inlet (13) at an upper end, a downstream leg (7) with a solids outlet (14) at an upper end, and a base section (9) interconnecting lower ends of the legs (5, 7). The valve (3) further comprises a means for introducing aeration gas into each of the legs (5, 7) to maintain fluidised flow of solids through the valve (3) and a means for adjusting the flow of aeration gas to the legs (5, 7) to control the solids flow through the valve (3).

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