



# Agricultural Journals

*Research in*

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## Subscription

# Res. Agr. Eng.

Turza J., Tkáč Z.,

Gullerová M.:

**Geometric**

**displacement volume**

# **and flow in the phase of a two-phase hydraulic converter**

Res. Agr. Eng., 53 (2007): 54-66

The paper researches the possibilities to replace the parallel flow hydraulic mechanisms in agricultural machinery with hydraulic units with fluid alternating flow as they provide more efficient operation due to their output alternating motion. The method being presented analyses how the geometric displacement volume in the fluid alternating piston converter is created. This is basically achieved by adding or omitting elements