

Title (en)

Filter bypass for hydraulic systems

Title (de)

Filterumleitung eines hydraulischen Systems

Title (fr)

Dérivation du filtre dans un système hydraulique

Publication

EP 1067294 A3 20030604 (DE)

Application

EP 00113963 A 20000701

Priority

DE 19932097 A 19990709

Abstract (en)

[origin: EP1067294A2] The system delivers a part of the pressurised fluid from the pump (7) directly to the consumer (8) below a previously defined temperature, independently of a pressure level in front of the filter unit. Above a determined pressure level, the supplied fluid is delivered through the filter unit to the consumer. A valve between the filter unit and the pump is operated by a slider (2) through an element (1), whose volume changes with temperature, to connect the pump and the filter unit or the consumer.

IPC 1-7

F15B 21/04

IPC 8 full level

F15B 21/04 (2006.01); **F15B 21/041** (2019.01); **F15B 21/045** (2019.01)

CPC (source: EP)

F15B 21/041 (2013.01); **F15B 21/045** (2013.01)

Citation (search report)

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- [AY] US 5516042 A 19960514 - GERSTENGERGER GERALD [US]
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- [A] US 2965120 A 19601220 - SNYDER KENNETH E

Designated contracting state (EPC)

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