

Title (en)  
SYSTEM FOR EXCHANGING ENERGY WITH A GROUND

Title (de)  
SYSTEM ZUM AUSTAUSCH VON ENERGIE MIT EINEM BODEN

Title (fr)  
SYSTEME D'ECHANGE D'ENERGIE AVEC UN SOL

Publication  
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Application  
**EP 09825052 A 20090618**

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Abstract (en)  
[origin: WO2010053424A1] The present invention relates to a system for exchanging energy with a ground. It comprises an elongate ground bore (2), a flexible sealing device (1) for separating sections of said bore (2) and extending inside and generally all along said bore (2) and being closed at its ends, wherein said sealing device (1) in use is filled with a liquid (20) whereby said sealing device (1) is pressed against walls of said bore (1). The system further comprises at least a first duct (5, 6), and heat recovery means, wherein said first duct (5, 6) is operatively connected to said heat recovery means and extending into said sealing device (1). Sealing means (70, 80) are provided at said flexible sealing device (1) at a predefined level along said bore (2), which sealing means (70, 80) are adapted to seal at said level between said sealing device (1) and said bore (2).

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Citation (search report)  
• [XDYI] WO 2006126925 A1 20061130 - PEMTEC AB [SE], et al  
• [Y] JP S6093260 A 19850525 - KOGYO GIJUTSUIN  
• [A] WO 2006020726 A2 20060223 - ENVENTURE GLOBAL TECHNOLOGY [US], et al  
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• See references of WO 2010053424A1

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