

Title (en)

MULTI-PUMP SYSTEM WITH SYSTEM CHECK

Title (de)

MEHRPUMPENSYSTEM MIT SYSTEMCHECK

Title (fr)

SYSTÈME MULTI-POMPE AVEC CONTRÔLE DE SYSTÈME

Publication

EP 3635258 A1 20200415 (EN)

Application

EP 18802603 A 20180517

Priority

- US 201715600580 A 20170519
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Abstract (en)

[origin: US2017254333A1] Design solutions to mitigate the following four fatal flaws in the conventional pump system design; namely, (1) surprised pump-failure in single pump design that can result in costly water damage; (2) the threat of fatal high voltage electrocution accident in flooding situation; (3) grid power outage and no energy supply to support the needed pumping power that result in water damage; (4) stinky smell from the sitting foil water in the well after a period of low seeping rate with or without activated pumping. The principles described in the content disclosure, the proposed designs can completely mitigate the above four fatal design issues.

IPC 8 full level

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CPC (source: EP KR US)

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