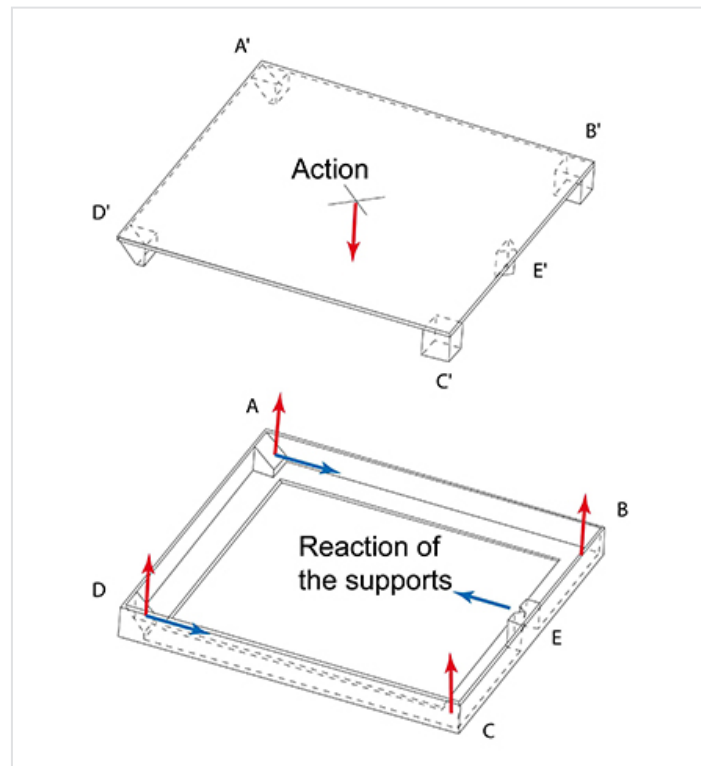


Hydraulic manhole covers AKSESS - Stability of the covers



Non-rock concept

By principle, a system of plane seating on four points is hyperstatic.

Consequently, the traditional covers of square or rectangular form don't enable simultaneously to ensure the contact on four seatings.

This can cause a limping which causes noise with the passage of the pedestrians or vehicles.

The conception of AKSESS (SGPAM patent) enables to avoid the limping of the cover while bringing back the hyperstatic system to a static system, ensuring the simultaneous contact of the seatings.

Two oblique seatings A, D on the frame and A', D' on the cover cause a horizontal reaction of the plug at the time of its implementation.

The block stop of the plug E' and the V-block corresponding of the E frame constitute a third horizontal force. The balance of the constraints is obtained; the cover is stable and quiet.

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