a 2006 0092

The invention relates to the field of civil engineering and may be used for protection against landslides or as bearing wall.
The process for dam erection against landslides consists in drilling of wells, introduction therein of a chemical solution for ground artificial consolidation by means of injectors, placement of reinforcing devices into the wells, fixation of their lower ends, tensioning thereof and filling of wells with a consolidating material. Novelty consists in that the dam is made in the form of semicircle or circle in plane, the wells are drilled to a depth exceeding the level of landslide shifting area by 4…5 diameters of well, forming spherical cavities into the non-landslide layer equal to two diameters of well. The upper ends of the reinforcing devices, which go out above the earth level, are joined between them by means of a monolithic reinforced-concrete band.

Claims: 1
Fig.: 3