

The invention relates to the devices for separation of materials into fractions, and may be used in metallurgical, mining and chemical industries. The screening device includes a frame, bar screens, a vibrator, a loading device and pipes for withdrawal of separated fractions. The frame is made of two inclined springs, which abut by the sides against the shock-absorbers and have a device for fixed change of angle of inclination of springs toward horizontal plane, and on the springs the vibrator and several bar screens are fixed located in cascade and in series under loading devices, said bar screens are made in the form of flexible cylindrical bars, their loading ends are cantilevered on the transverse rod with permanent clearance and may be excited by vibration and oscillate in vertical plane. Moreover, the upper bar screen is displaced in the length relative to the lower bar screen for the length of grate-bars, and in the width the grate-bars of upper screen are displaced with respect to the lower screen for a half-pitch. The invention allows increasing the quality and output of screening of humid fine materials.