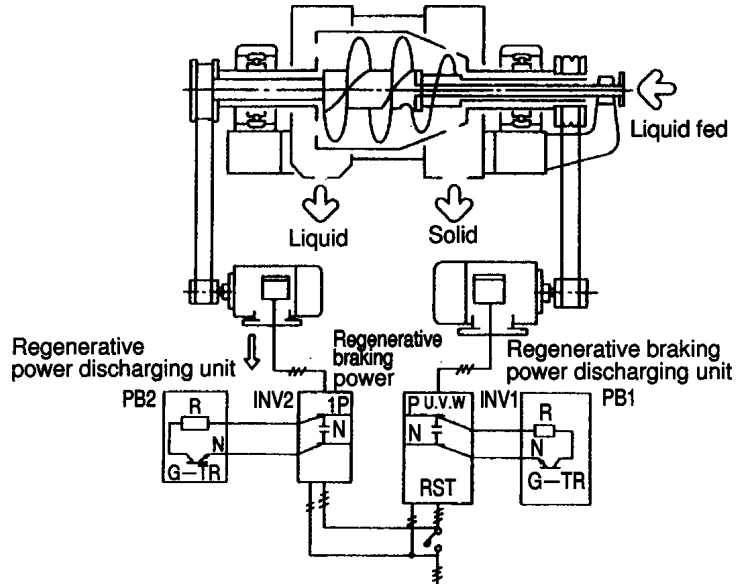


CENTRIFUGAL SEPARATOR

Main Drive:
VFA7



An example of application of an inverter to a centrifugal separator where the solid and the liquid in a mixture are separated.

Advantages of adopting inverters

1. Enables determination of optimal speed and smooth operation compatible with the characteristics and quantity of the object processed. Even an extremely heavy inertial load can be accelerated by normal rated current.
2. On stopping, by utilizing an electric brake, less abrasive and more efficient braking is achievable reducing stopping time.

Notes on application

1. Due to large GD^2 of the load, large capacity of regenerative power discharging unit is required for the purpose of deceleration.
2. Once started, the operation can not be stopped on the way and instantaneous stop within a definite duration shall be recovered by an instantaneous re-start function.