

The invention relates to aerodynamically matching the rear fan (3) of a turbojet having two fans (3, 5) and a low-pressure compressor at the front of the intermediate casing (2), said fans being driven by two independent shafts (4, 6). Said compressor (7) is disposed between the blades (10, 14) of the two fans and includes at least one ring (40) of rotor blades around the periphery of a wheel (41) driven by the drive shaft (4) for the front fan (3), and at least two grids (45, 46) of stator vanes disposed on either side of the ring (40) of rotor blades and inside a grid carrier ring (47). A stationary outer grid (48) and a stator (50) of variable pitch connect the ring (47) to the fan casing (12).