

· Working	A portion of rotor AC power (slip power) is
	converted erro DC by a clode bridge.
	the smoothing reactor is amulded to
- Although	simplemen the rectified current. The output of the
	then connected to the DC terminals of
	The Inverter.
10 11	The inverter inverts the DC power to AC
	power and treas it back to the AC source.
	the inverter is a controlled rectifier operated in
	the inversion mode.
	and the contract of the second
6	Applications - This method of speed control is used
- Alexande	Il large power applications which require speed
	control in narrow range.
•	Merits - (i) Efficiency increased
CELLER	(11) Slip power is utilized
14.5	(iii) Lou cost.
· cott	most additionisms totals discourse between the
•	Demerits -
	11) Additional electronic (kt. is needed.
	(ii) Speed control below synchronous speed only.
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