Fig. 1

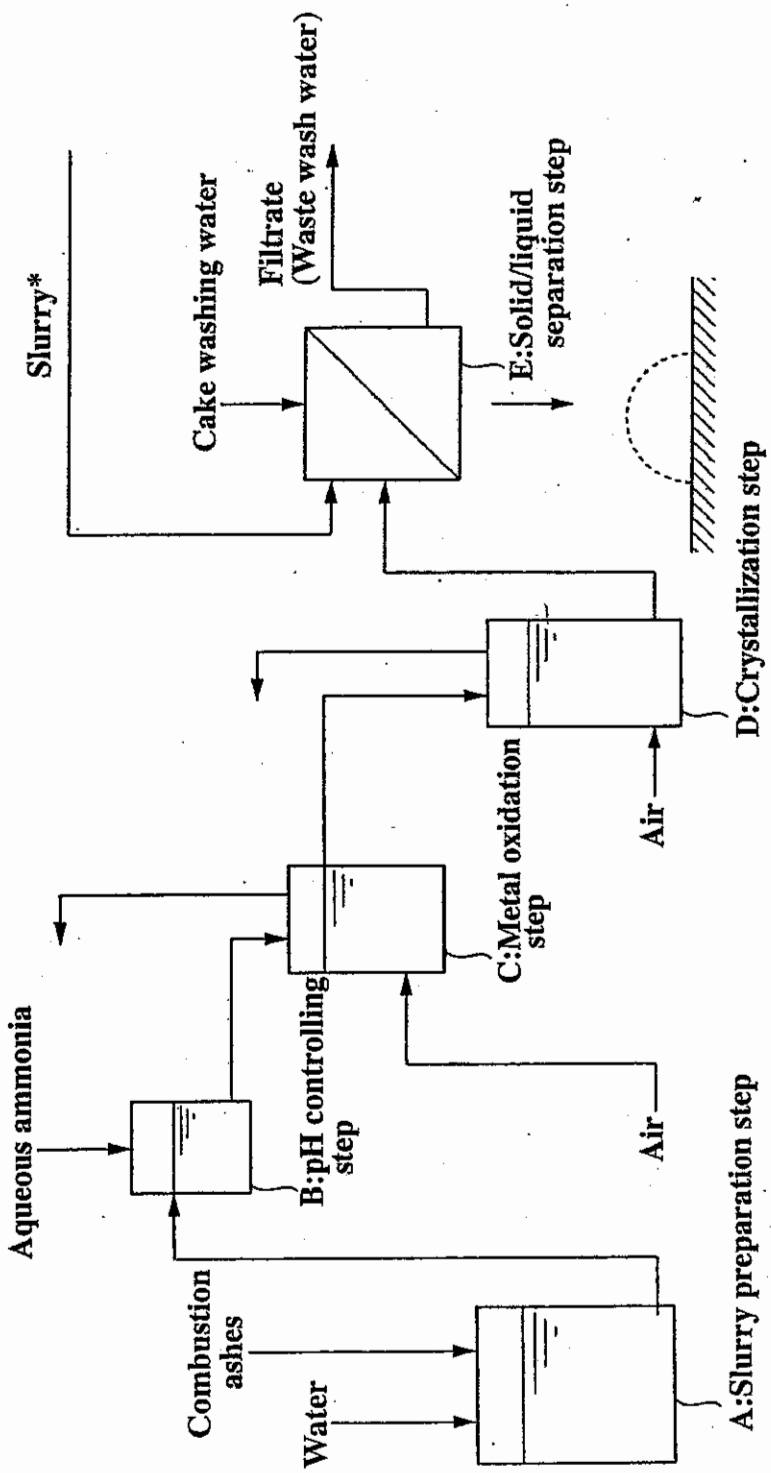
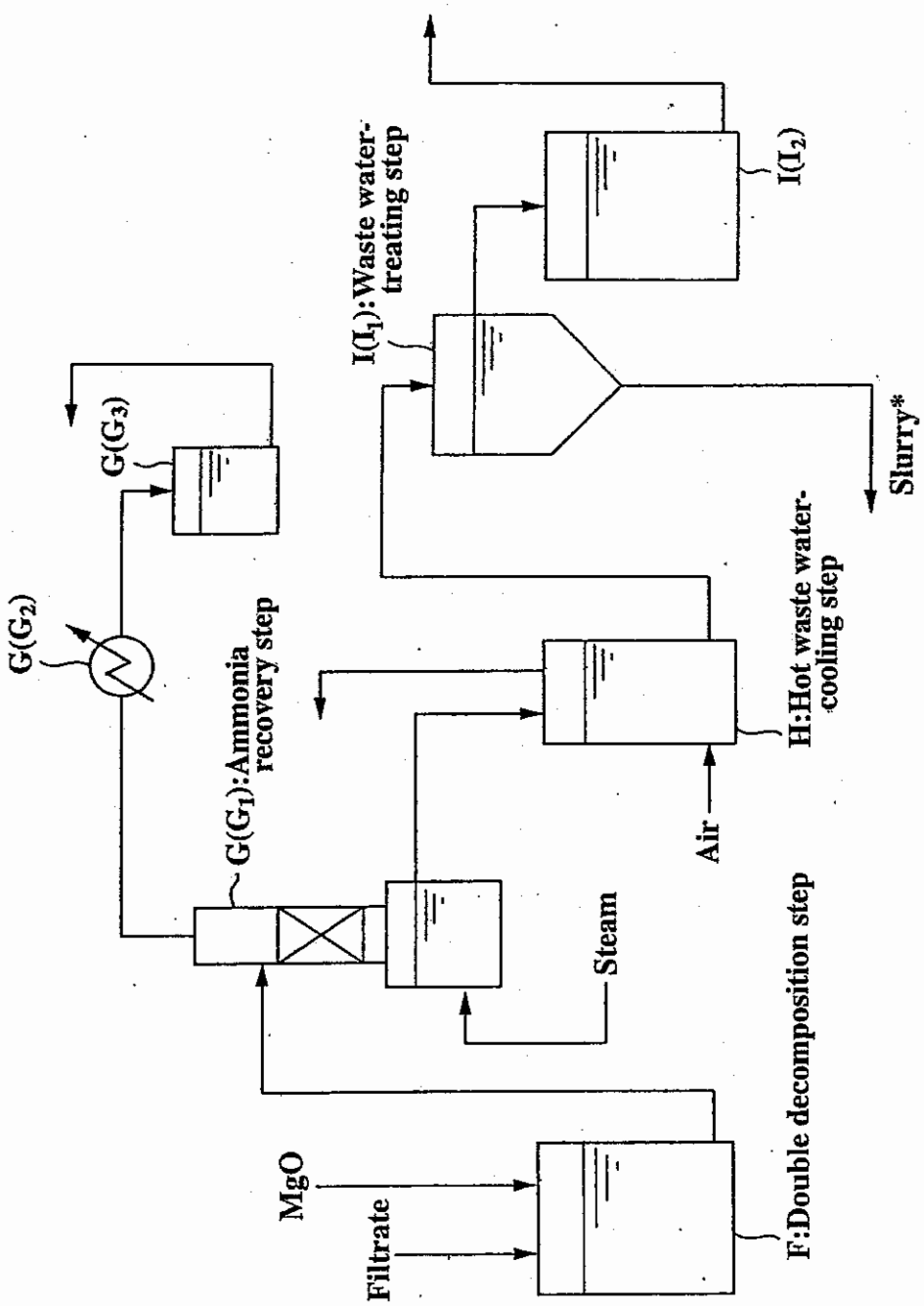

Slurry*
Cake washing water
Filtrate
(Waste wash water)
E:Solid/liquid
separation step
D:Crystallization step
Air
C:Metal oxidation
step
Aqueous ammonia
B:pH controlling
step
Air
Combustion
ashes
Water
A:Slurry preparation step

Fig. 2


MgO
Filtrate
F:Double decomposition step
Steam
Air
H:Hot waste water-cooling step
G(G1):Ammonia recovery step
G(G2)
G(G3)
I(I1):Waste water-treating step
I(I2)
Slurry*