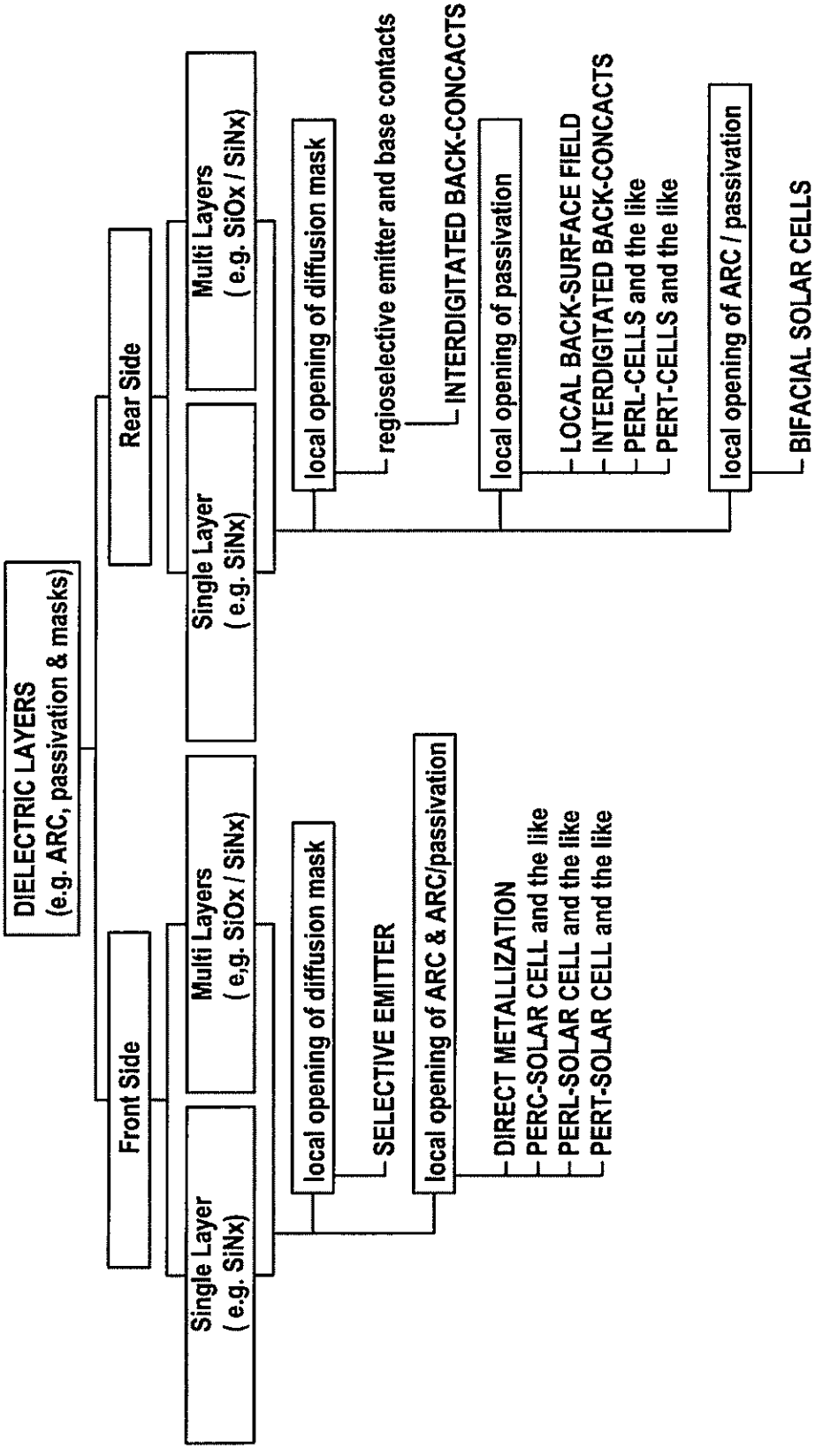
Fig. 1


DIELECTRIC LAYERS
(e.g. ARC, passivation & masks)
Front Side
Rear Side
Single Layer
(e.g. SiNx)
Multi Layers
(e,g. SiOx / SiNx)
Single Layer
(e.g. SiNx)
Multi Layers
(e.g. SiOx / SiNx)
local opening of diffusion mask
SELECTIVE EMITTER
local opening of ARC & ARC/passivation
DIRECT METALLIZATION
PERC-SOLAR CELL and the like
PERL-SOLAR CELL and the like
PERT-SOLAR CELL and the like
local opening of diffusion mask
regioselective emitter and base contacts
INTERDIGITATED BACK-CONCACTS
local opening of passivation
LOCAL BACK-SURFACE FIELD
INTERDIGITATED BACK-CONCACTS
PERL-CELLS and the like
PERT-CELLS and the like
local opening of ARC / passivation
BIFACIAL SOLAR CELLS