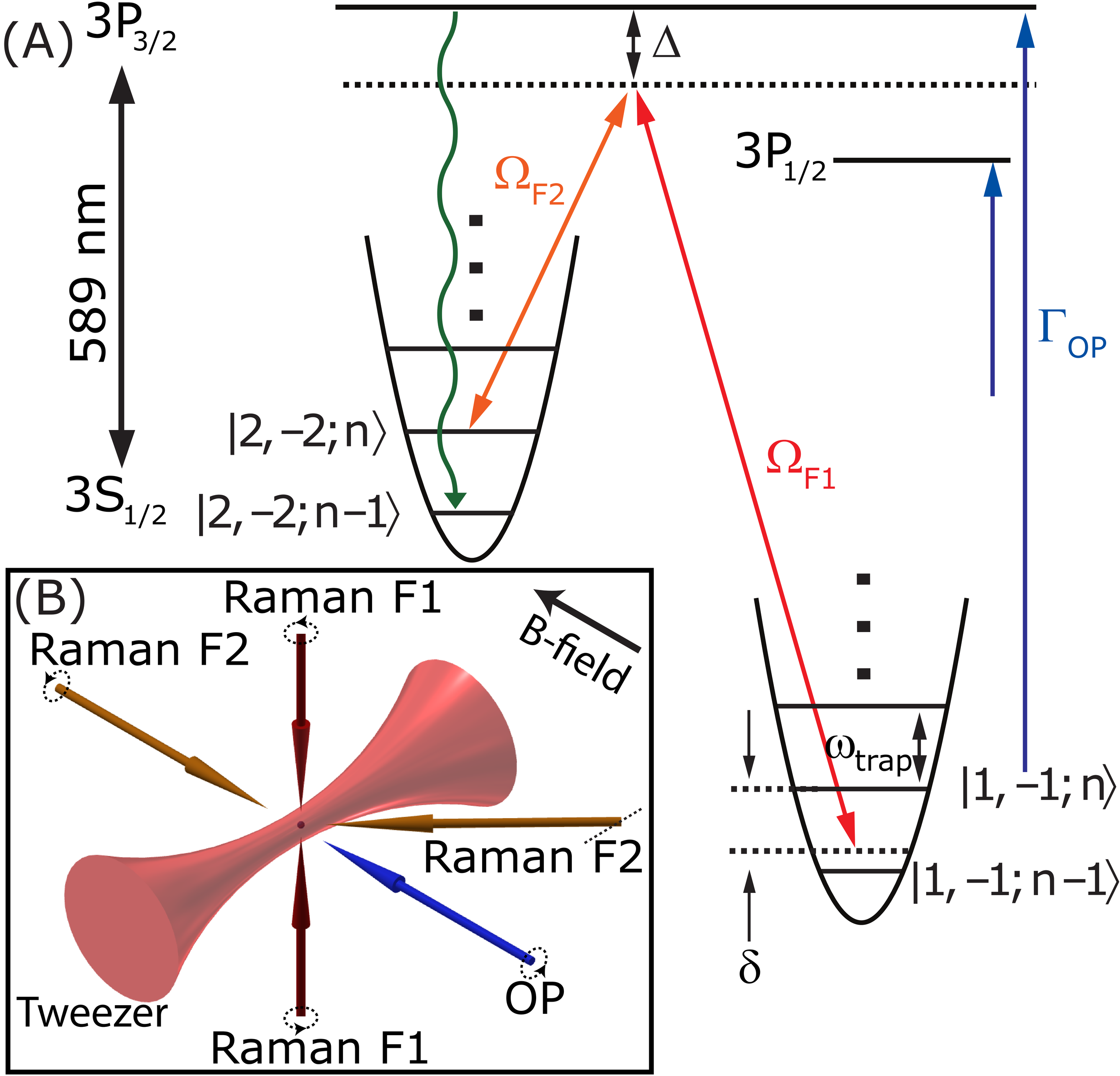
(A)
$3P_{3/2}$
589 nm
$3S_{1/2}$
Δ
Ω_{F2}
$3P_{1/2}$
Γ_{OP}
$|2,-2;n\rangle$
$|2,-2;n-1\rangle$
Ω_{F1}
ω_{trap}
$|1,-1;n\rangle$
$|1,-1;n-1\rangle$
δ
(B)
Raman F1
Raman F2
B-field
Raman F2
Tweezer
OP
Raman F1