Lagrangian density

$\gamma \, \mathcal{B}_\alpha \, \mathcal{B}^\alpha - 2\,\alpha\,\partial_\alpha \mathcal{B}_\beta \, \partial^\beta \mathcal{B}^\alpha + 2\,\alpha\,\partial_\beta \mathcal{B}_\alpha \, \partial^\beta \mathcal{B}^\alpha$
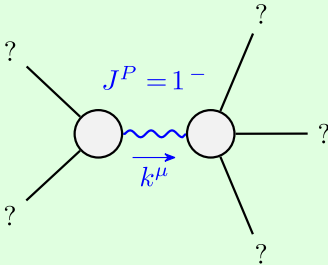
Added source term: $\mathcal{B}^\alpha \, \mathcal{T}_\alpha$

$\mathcal{B}_{1^-}^{\#1}\dagger^\alpha \quad \boxed{\gamma + 2\,\alpha k^2} \quad \mathcal{B}_{1^-\,\alpha}^{\#1}$

$$\mathcal{T}_{1^-}^{\#1}\dagger^\alpha \quad \boxed{\dfrac{1}{\gamma + 2\,\alpha k^2}} \quad \mathcal{T}_{1^-\,\alpha}^{\#1}$$

$$\mathcal{T}_{0^+}^{\#1}\dagger \quad \boxed{\dfrac{1}{\gamma}} \quad \mathcal{T}_{0^+}^{\#1}$$

$$\mathcal{B}_{0^+}^{\#1}\dagger \quad \boxed{\gamma} \quad \mathcal{B}_{0^+}^{\#1}$$

$J^P = 1^-$

$\overrightarrow{k^\mu}$

Massive particle	
Pole residue:	$-\dfrac{1}{2\alpha} > 0$
Polarisations:	3
Square mass:	$-\dfrac{\gamma}{2\alpha} > 0$
Spin:	1
Parity:	Odd

Unitarity conditions

$\alpha < 0 \;\&\&\; \gamma > 0$

(No massless particles)