Reaction	Reactants		Products		Type	Description
1	A	В	С		g	Homogeneous reaction
2	A	*	A*			Direct gas adsorption/desorption (Surface - gas coupling)
3	В	*	B*		d	
9	C*		С	*		
4	A*	B*	C*		a	Betwenn adsorbed intermediates only
5	A*	*	2D*			Involving adsorbed- and surface intermediats
6	B*	*	2E*		c	
8	F*	E*	C*	*		
7	D*	E*	F*	*	s	Between surface intermediates only