The PC prior for $\theta = \pm\log(a)$ in the $\Gamma(1/a, 1/a)$ distribution with base model $a = 0$

Parametrization

This is the PC prior for $\theta = \pm\log(a)$ in the $\Gamma(1/a, 1/a)$ distribution[1] distribution where $a = 0$ is the base model.

Specification

This prior for the hyperparameter is specified in the `hyper`-spesification, for $\theta = +\log(a)$ it is

```
hyper = list(<theta> = list(prior="pc.gamma", param=c(<lambda>)))
```

and for $\theta = -\log(a)$ it is

```
hyper = list(<theta> = list(prior="pc.mgamma", param=c(<lambda>)))
```

Example

Notes

See also functions `inla.pc.{d,p,q,r}gamma` which gives the same PC prior, but for $\theta = a$ instead of $\theta = \pm\log(a)$.
This function is experimental.

[1] Gamma distribution with mean 1 and variance a, or shape= $1/a$ and rate= $1/a$