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Patent Search

Invention Title	A LID FOR A FIRE POT TO REDUCE AN EXPOSURE TO HEAT RADIATION
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Abstract:

The present subject matter relates to a lid (102) for a fire pot (104). The lid (102) includes a rim (106) permanently attached to an opening of the fire pot (104). The fire pot comprises a heated compound. The lid (102) includes a shutter (110) fit inside the rim (106), configured to be moved towards and away from a centre of the opening (114) and uncover (114) the fire pot (104). The lid (102) further includes a handle attached to the shutter (110), configured to be manually rotated to move the shutter towards and away from the centre. The lid (102) also includes a cover (114) configured to be fitted over the shutter (110) onto the rim (106) to block an exit of a direct flow of heat from the heated compound within the fire pot (104) while heat from the heated compound passes through a gap between the cover (114) and the shutter (110). < TO PUBLISHED WITH FIGURE 1>

Complete Specification

DESC:A LID FOR A FIRE POT TO REDUCE AN EXPOSURE TO HEAT RADIATION

TECHNICAL FIELD:

[001] The present subject matter relates to a fire pot, in particular, relates to a lid for a fire pot, configured to reduce an exposure to heat radiation.

BACKGROUND OF THE SUBJECT MATTER:

[002] Traditionally, a fire pot, also referred as Kangri, is used by users to keep themselves warm by keeping it inside their cloths. However, the fire pot generally does not have any cover that leads to direct and uncontrolled heat exposure of skin. The prolonged direct skin exposure to the heat radiation leads to high risk of skin cancer which is referred to as "Kangri Cancer".

[003] There is a need for a solution to overcome the above mentioned drawback(s).

OBJECTS OF THE SUBJECT MATTER:

[004] It is therefore an object of the present subject matter to overcome the aforementioned and other drawbacks in the solutions available in state-of-the-art.

[005] The principle object of the subject matter is to provide a lid for a fire pot that reduces the direct skin exposure to heat.

[006] Another object of the subject matter is to provide a unique multi-layered lid that covers direct radiation coming out of the fire pot onto the skin from burn without changing a present design of a Kangari fire pot.

[007] Another object of the subject matter is to provide a lid for a fire pot that does not obstruct the heat dissipation due to a unique design and the lid may be

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