



INTELLECTUAL PROPERTY RESPONSIVE HALAL STANDARDS

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OUTLINE

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- *Similarities between Patents and Halal Standards*
- *Intellectual Property Policy – Standard Essential Patent*
- *Win-Win for Halal Standards and Intellectual Property*
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What are Intellectual Property Responsive Halal Standards?

Intellectual Property Responsive Halal Standards (IPRHS) are standards that integrate and take full advantage of the latest advancements in Intellectual Property, particularly drawing upon new technologies and technical data disclosed in patent documents and other Intellectual Property resources.

This new concept /approach allows for the integration of high-quality technological information during the development of standards, ensuring a comprehensive and forward-looking standardization framework.

Similarities between Patents and Halal Standards



☆ WO2014066958 A2 **HALAL MANAGEMENT SYSTEM WITH A COMPUTING PLATFORM** Available in ▾

Original document ▾

Bibliographic data Description Claims Drawings Page 1 /20

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(54) Title: SYSTEM FOR VERIFYING IF A PRODUCT IS HALAL

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 EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
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(54) Title: DETECTION METHOD FOR HALAL FOOD AND HALAL FOOD ADDITIVES



SMIIC

OIC/SMIIC 1: 2019

Second Edition
 31-07-2019

General Requirements for Halal Food

The Standards and Metrology Institute for Islamic Countries
 l'Institut de Normalisation et de Métrologie pour les Pays Islamiques
 معهد المواصفات والمقاييس للدول الإسلامي

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OIC/SMIIC 9: 2019

First Edition
21-12-2019

Halal Tourism Services – General Requirements

The Standards and Metrology Institute for Islamic Countries
l'Institut de Normalisation et de Métrologie pour les Pays Islamiques
معهد المواصفات والمقاييس للدول الإسلامية

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Korean Intellectual Property Office

Patent Application

【Application Classification】 patent application

【Applicant】

【Organization Name】 IIAMHUB.,Inc

【Patent Customer Number】 1-2 00 9-04 99 6 4-4

【Title of Invention】 Muslim Tourist oriented hotel comparison system and the mehtod thereof

【English Title of Invention】 Mus l im Taur or ient ed h ot el comp a is on system and the me h t od there e of

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【Name in English】 K U K Y O - Y O U N G

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【Postal code or zip code】 Secure Information


【Address】 Secure Information

【Nationality】 K R

【Inventor】

【Name】 BANG SEO-YEON

【Name in English】 B AN G SE O - Y E ON



Standard specification:
ETSI TS 126 192 V8.0.0 (2009-01)

"The encoder first determines how stationary background noise is. Dithering is employed for non-stationary background noise. The information about whether to use dithering or not is transmitted to the decoder using a binary information (CN_{dith} -flag).

The binary value for the CN_{dith} -flag is found by using the spectral distance ΔS_i of the spectral parameter vector $f(i)$ to the spectral parameter vector $f(j)$ of all the other frames $j = 0, \dots, l_{dtx} - 1, j \neq i$ within the CN averaging period (l_{dtx})."

Patent publication:
US 6,662,155 B2 (2003-12-09)

"The background noise can be classified as stationary or non-stationary based on the spectral distances ΔD_i from each of the spectral parameter (LSF or ISF) vectors $f(i)$ to the other spectral parameter vectors $f(j)$, $i = 0, \dots, l_{dtx} - 1, j = 0, \dots, l_{dtx} - 1, i \neq j$ within the CN averaging period (l_{dtx})."



SMIIC

PROJECT

OIC/SMIIC

**Test Method for detection of
porcine in Food Products and
cosmetics**

The Standards and Metrology Institute for Islamic Countries
l'Institut de Normalisation et de Métrologie pour les Pays Islamiques
معهد المواصفات والمقاييس للدول الإسلامية

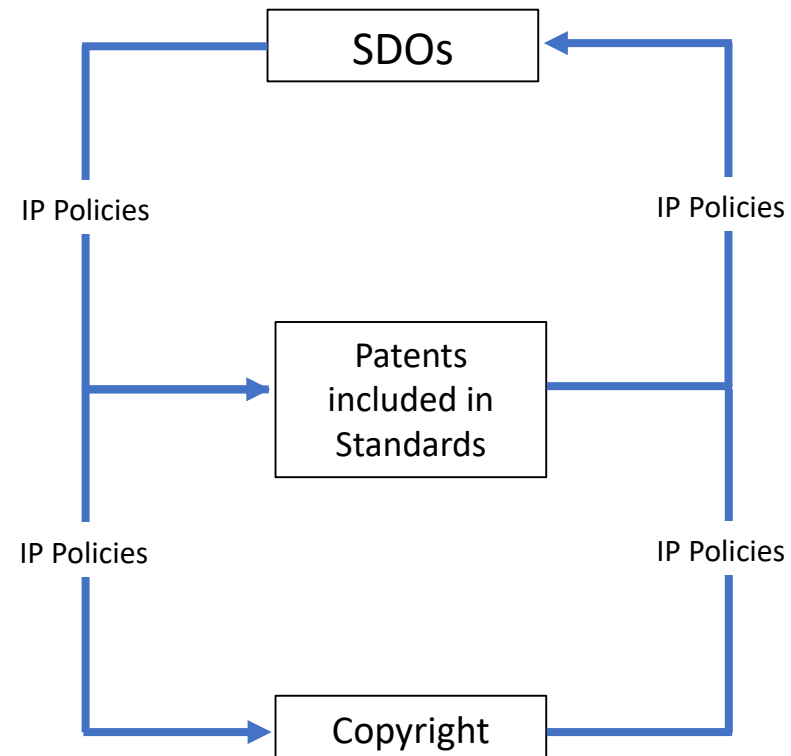
This standard will list different analytical methods to detect porcine in food and cosmetics, some of these methods are **patented** and even available in the market.

For example, the Malaysian detection method was developed by the Chemistry Department in Malaysia and they are **the patent owner**.

The Turkish method was developed by Tubitak and they **patented** the method, the company Letgen Biotech produced it as a commercial kit and started to sell in the market.

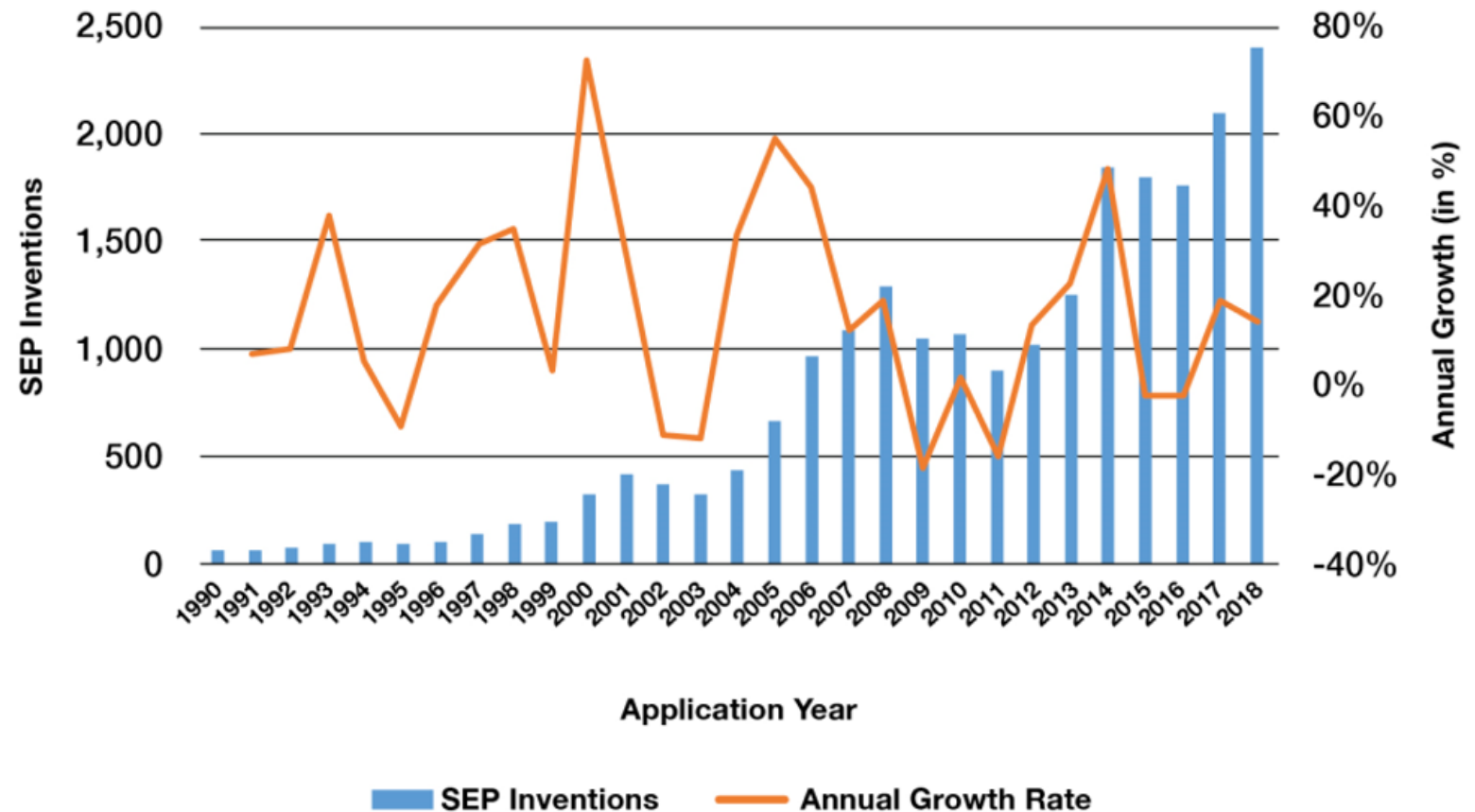
The Standards Developing Organization (SDO) shall adopt an IP policy

The **SDO** has to establish a clear **Intellectual Property Policy** to improve IP responsiveness in standardization and clarify essentially the **Copyright** and the concept of **Standard-Essential Patents (SEPs)**.

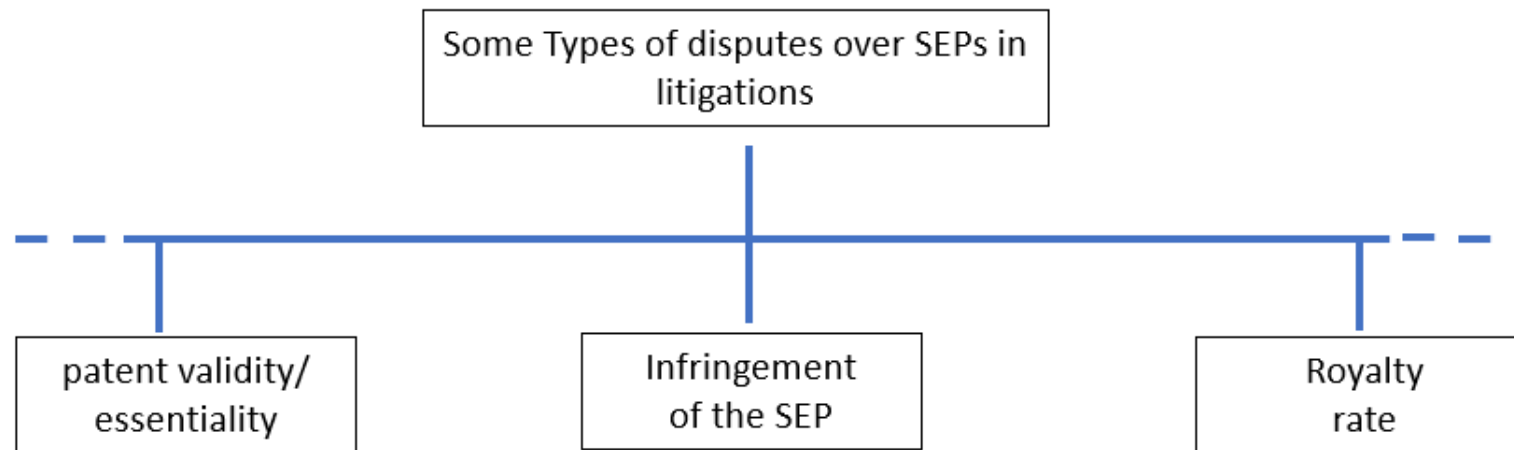


Intellectual Property Policy – Standard Essential Patent

A SEP: "Standard-Essential Patent":
is a patent on a technology that is essential to the implementation of a given technical standard.



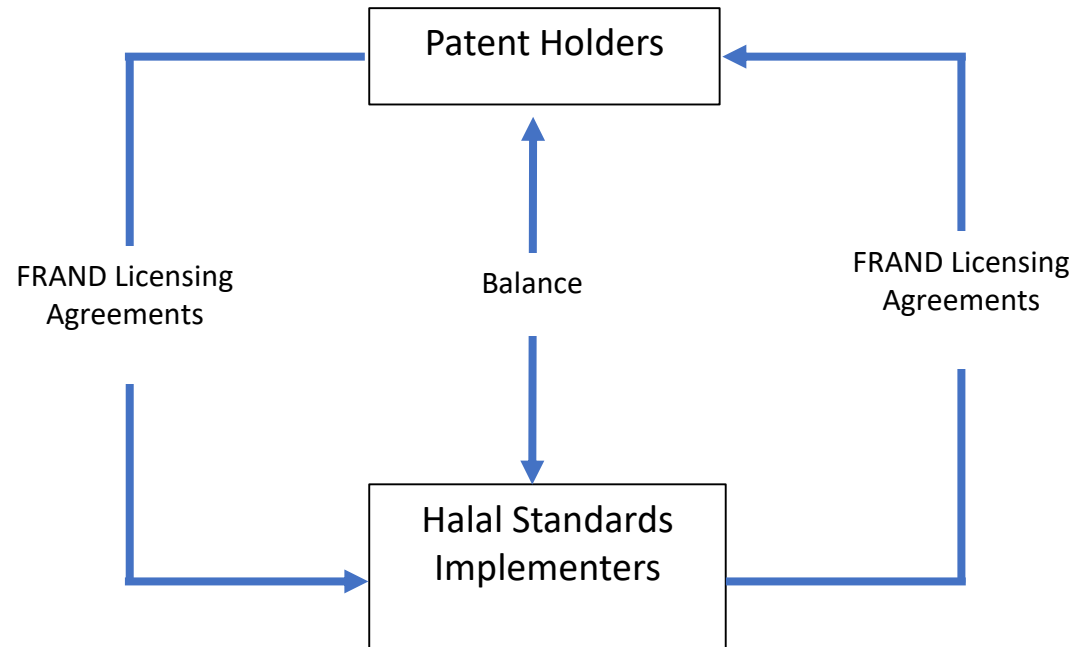
Risk of litigations regarding SEPs



Fair, Reasonable, and Non-Discriminatory (FRAND) Agreements

Intellectual Property Policy – Standard Essential Patent

Ensuring compliance with **FRAND** agreements in the context of SEPs is crucial,



Who needs to act to prevent potential conflicts?

The World Intellectual Property Organization (WIPO)



One of the 15 specialized agencies of the United Nations (UN).

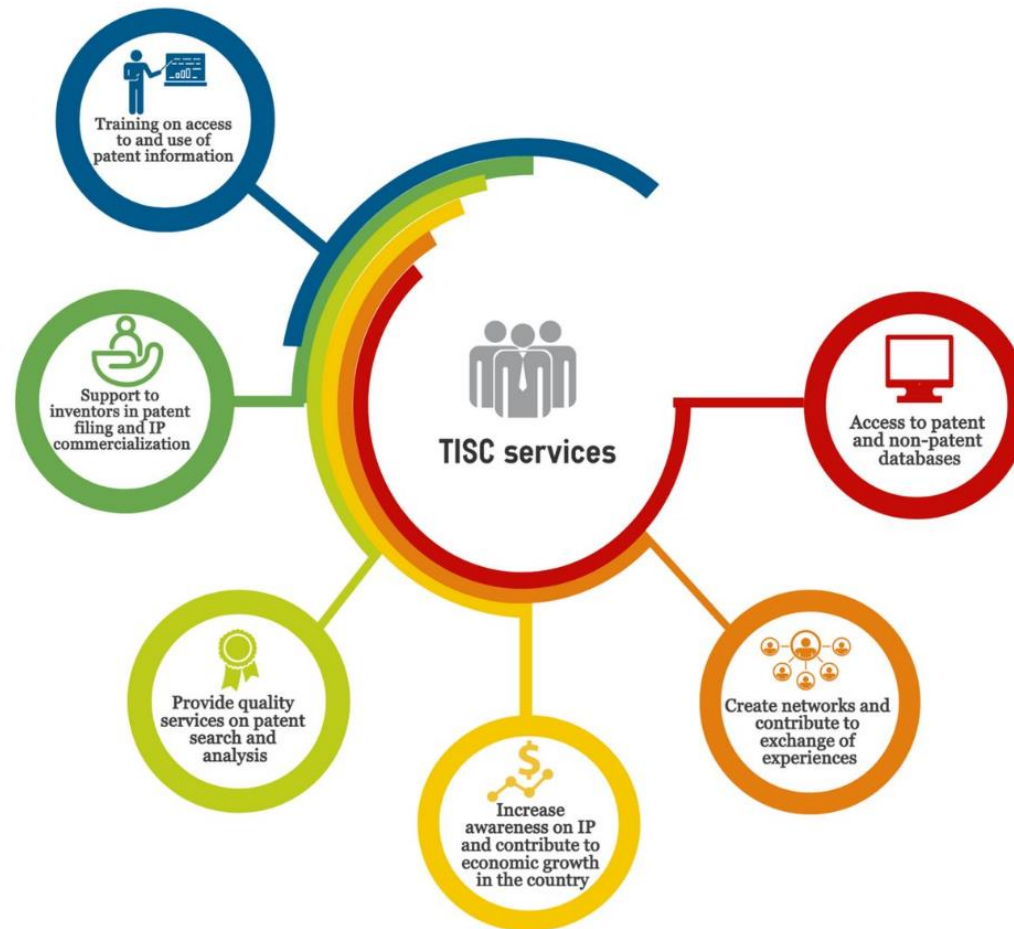
Discuss and shape international IP rules and policies

**WIPO Strategy
on Standard
Essential Patents
2024-2026**



What more can be done by WIPO?

Encourage and support SDOs in the implementation of the "Technology and Innovation Support Centers" project



TISC Resources (Technologies)

100 Million Technologies (inventions/innovations) described in PATENT documents

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WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

TISC resources (Scientific Publications)

About 85 000 Scientific Publications

- HINARI (WHO)



- AGORA (FAO)



- OARE (UNEP)



- ARDI (WIPO)



TISC resources (Social Platform)



WIPO eTISC

WIPO eTISC is a social platform which provides a secure space for the [Technology and Innovation Support Center \(TISC\)](#) community and [intellectual property \(IP\)](#) users to interact with each other and share knowledge and ideas.

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Win-Win for Halal Standards and Intellectual Property

Standards need IP

- Within the standardization system, utilizing IP- related documentation can upgrade their databases and enhance the transparency of the standardization process.
- Dynamic and current patent information, encompassing both technical and legal status details, is crucial. This information is typically accessible through the registry of the relevant patent office.
- Although information within patent registries is generally open to public, it's worth noting that only a few offices offer online services for streamlined access to this valuable information.

Standards are often referred to as invisible infrastructure; they touch all aspects of our lives, such as the products, processes, and services we use daily. As a result, when standards are not IP-Responsive the impact is pervasive.

Win-Win for Halal Standards and Intellectual Property

IP need standards

- In the realm of Intellectual Property Responsive Halal Standards (IPRHS), information shared during standard-setting could qualify as prior art in patent law.
- High quality patents can best be obtained by giving patent examiners access to standardization information and providing joint training.
- However, at the international level, accessing and utilizing such information presents challenges for patent offices.

Access to documentation from SDOs enables Patent Offices to utilize standard-related documents for prior art, thereby enhancing patent quality.

Conclusion

Recommendation : launch under the umbrella of **SMIIC** in collaboration with **WIPO** an **IP Responsive Halal Standards Initiative** that aims to provide a practical framework for SDOs seeking to make the halal standards they develop, and the standards development process they follow are IP responsive.

Key activities :

- Preparing guidelines on developing IPRHS
- Offering training, workshops, and resources to SDOs personnel to enhance their understanding of IP mainstreaming and its significance in the standardization process
- Assisting SDOs in drafting their IP policies
- Providing support to SDOs in implementing TISCs
- Tracking progress, collecting and disseminating data, success stories, and best practices.



Thank You for Your Attention