

EUROPEAN STANDARD

EN 50615

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2015

ICS 97.040.20

English Version

Household and similar electrical appliances - Safety - Particular requirements for devices for fire prevention and suppression for electric hobs (cooktops)

Essais sur les dispositifs de prévention et d'extinction du feu pour les plaques de cuisson (tables de cuisson)

Prüfungen für Vorrichtungen zur Feuervermeidung und Feuerlöschung auf Kochmulden

This European Standard was approved by CENELEC on 2015-01-05. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

- Standard for cooktops approved
- Clear rules for manufacturers and customers
- Three categories:



- A: Reacts to flames, disconnects power, gives a warning and extinguishes
- B: Reacts before flames, disconnects power, gives a warning
- AB: Reacts before flames, disconnects power, gives a warning and extinguishes if there are flames

- Standard for cooktops approved
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- Three categories:



- A: Reacts to flames
 - disconnects power within 30 s after ignition
 - gives a warning with at least 65 dB sound (fire detector 85 dB)
 - extinguishes within 45 s after ignition
- B: Reacts before flames, disconnects power, gives a warning
- AB: Reacts before flames, disconnects power, gives a warning and extinguishes if there are flames

- Standard for cooktops approved
- Clear rules for manufacturers and customers
- Three categories:



- A: Reacts to flames, disconnects power, gives a warning and extinguishes
- B: Reacts before flames
 - disconnects power
 - gives a warning with at least 65 dB sound until the user stops the alarm or the temperature (of the oil) starts to decline
- AB: Reacts before flames, disconnects power, gives a warning and extinguishes if there are flames

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- Three categories:



- A: Reacts to flames, disconnects power, gives a warning and extinguishes
- B: Reacts before flames, disconnects power, gives a warning
- AB: Reagoi ennen liekkejä
 - disconnects power
 - gives a warning with at least 65 dB sound until the user stops the alarm or the temperature (of the oil) starts to decline
 - if there is an ignition extinguishes within 45 s after it

- Safera
- <http://www.safera.fi/eng/products-airis.html>
- Innohome
- <http://www.innohome.com/>
- Others to come ...